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ANALYSIS OF 1982 OPERATIONS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN

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ACCOUNTS AND FINANCE DIVISION BULLETIN NO. 48
SEPTEMBER, 1983

FOREWORD

This bulletin presents detailed information on revenues, expenses and some selected operating ratios for the 85 municipal electric utilities operating in Wisconsin in 1982. Tables 1 and 2 summarize data given in detail for individual utilities in Tables 4 through 14 and 15 through 22 respectively. Table 3 summarizes the miscellaneous statistics presented in Tables 22 and 23.

The following table presents selected summary statistics on sales of electricity by customer class.

Customer Class	Table	Revenue Per kWh		kWh Per Average Customer		Revenue Per Average Customer	
		Mean	Range	Mean	Range	Mean	Range
Residential	4-A	4.77¢	3.62¢ - 5.79¢	7,472	5,074 - 11,219	\$ 357	\$ 261 - \$ 486
Rural	5-A	5.09	3.87 - 6.73	12,190	4,000 - 433,000	621	229 - 20,318
Commercial and Industrial	6-A	4.62	3.41 - 6.09	94,586	12,487 - 461,565	4,365	636 - 15,741
Total Retail Sales	10-A	4.72	3.48 - 5.88	19,514	8,583 - 51,040	922	408 - 1,976

The last line of the above tabulation presents statistics taken from Table 10-A. The means were calculated using total values for revenues, kilowatt hours and customers. For example, the sum of all retail sales revenues was divided by the sum of all retail kilowatt hours sold by all municipal utilities to arrive at revenue per kWh. This results in a good average figure for all customers served by municipally owned utilities but the mean is influenced more by the larger utilities than by the small ones. Therefore mean and median values for sales revenues and total operating expense per kWh sold are presented below for selected groups of utilities based on dollars of plant investment. The mean values were calculated by summing the ratios and then dividing by the number of utilities. Therefore, all utilities were given the same weight. As a result, even the mean revenue per kWh ratio for the seven utilities having over \$4,999,999 in plant was higher (4.91¢) than the 4.72¢ figure given above for all 85 utilities.

Utility Plant in Service	Number of Utilities	Total Electric Sales Revenues		Total Operating Expenses	
		Per Kilowatt Hour Sold	Mean	Per Kilowatt Hour Sold	Median
\$ 0 - \$ 399,999	14	4.89¢	4.99¢	4.45¢	4.39¢
400,000 - 799,999	17	4.96	4.90	4.59	4.63
800,000 - 1,199,999	12	5.08	5.17	4.53	4.66
1,200,000 - 1,999,999	13	4.90	4.93	4.41	4.52
2,000,000 - 4,999,999	19	4.83	4.70	4.29	4.29
Over - 4,999,999	10	4.91	4.98	4.48	4.71

In the past, the operating revenue and expense ratios varied inversely with plant size. In other words the ratios tended to decline as plant size increased. As the figures show however, that relationship doesn't seem to exist anymore.

Following is a similar presentation in which per kWh ratios of power production, operation and maintenance and total operating expense are shown for selected groups of utilities based on the number of MWh sold to ultimate consumers.

MWh Sold	Expenses Per Kilowatt Hour Sold					
	Number of Utilities	Power Production Expense		Operation & Maintenance Expense		Total Operating Expense
		Mean		Mean		Mean
		Median	Median	Median	Median	Median
0 - 7,499	16	3.82¢	3.94¢	4.47¢	4.64¢	4.85¢
7,500 - 14,999	20	3.76	3.93	4.48	4.53	4.89
15,000 - 24,999	9	3.76	3.84	4.46	4.47	4.89
25,000 - 49,999	17	3.91	4.01	4.44	4.60	4.72
50,000 - 84,999	13	3.95	3.97	4.37	4.29	4.66
Over - 84,999	10	4.03	4.11	4.45	4.50	4.79

Again, the inverse ratio between utility size and expense ratios that existed in prior years has apparently disappeared. There are at least two reasons for this. The first, and possibly most important, has been the gradual flattening of the wholesale rates under which utilities purchase their energy. Whereas larger utilities used to be able to buy significant amounts of energy in a lower cost end block of the energy schedule, now most if not all wholesale schedules have only one energy block. A second reason may have been the effect of Wisconsin Public Power Inc. (WPPI). They purchase energy from the larger investor-owned utilities and then sell it to member municipal utilities at a blend-rate which tends to even out energy costs among the municipals. Whether they will continue this blend-rate sales method in the future remains to be seen.

The following table shows that transmission and distribution per mile of line increases with customer density. The more customers there are per mile of line the more transmission and distribution expenses a utility will have per mile. Forty eight of the 85 utilities (56.5%) averaged between 30.0 and 69.9 customers per mile of line with corresponding transmission and distribution expenses ranging from \$403 to \$4,185.

Transmission and distribution expense per kWh sold tended to decrease with increased number of customers per mile of line. That tendency is not so distinct, however, as indicated by the trend of the means and medians shown below.

Number of Customers Per Mile of Line	Number of Utilities	Transmission and Distribution Expense Per Mile of Line			
		Mean		Median	
		Mean	Median	Mean	Median
0.0 - 29.9	21	\$ 618	\$ 548	0.25¢	0.23¢
30.0 - 39.9	13	1,018	929	0.22	0.23
40.0 - 49.9	14	1,475	1,213	0.20	0.18
50.0 - 69.9	21	2,005	1,641	0.22	0.17
Over 69.9	16	3,103	2,552	0.19	0.17

The data included in this publication were taken from annual reports filed by the electric utilities with this Commission. The data are presented as filed and may reflect special circumstances and unusual economic conditions. The data and the statistics derived from that data should therefore be used with caution.

If you have any comments or suggestions regarding this publication please contact the Commission's Accounts and Finance Division at (608) 266-3766.

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Total Operation and Maintenance Expense	19	94
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TABLE 1

SUMMARY OF ELECTRIC SALES BY CLASS OF SERVICE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

CLASS OF SERVICE	SEE TABLE	REVENUE		
		1982	1981	% CHANGE
RESIDENTIAL	4	\$ 52105237	\$ 43843762	18.84%
RURAL	5	10511332	9015145	16.60
COMMERCIAL AND INDUSTRIAL	6	102883409	88238930	16.60
PUBLIC STREET AND HIGHWAY LIGHTING	7	3514910	3100726	13.36
OTHER SALES TO PUBLIC AUTHORITIES	8	1446184	1323363	9.28
INTERDEPARTMENTAL	9	2042087	1692590	20.65
TOTAL SALES TO ULTIMATE CONSUMERS SALES FOR RESALE	10	\$ 172503159	\$ 147214516	17.18%
	11	477566	2222312	-78.51
TOTAL ELECTRIC SALES	12	\$ 172980725	\$ 149436828	15.76%
OTHER OPERATING REVENUES	13	2448342	2229152	9.83
TOTAL OPERATING REVENUES	14	\$ 175429067	\$ 151665980	15.67%

CLASS OF SERVICE	SEE TABLE	KILOWATT HOURS (000)		
		1982	1981	% CHANGE
RESIDENTIAL	4	1092096	1058875	3.14%
RURAL	5	206473	203358	1.53
COMMERCIAL AND INDUSTRIAL	6	2229297	2228072	0.05
PUBLIC STREET AND HIGHWAY LIGHTING	7	52534	50721	3.57
OTHER SALES TO PUBLIC AUTHORITIES	8	27265	29903	-8.82
INTERDEPARTMENTAL	9	44532	40454	9.91
TOTAL SALES TO ULTIMATE CONSUMERS SALES FOR RESALE	10	3652197	3611383	1.13%
	11	2753	64448	-95.73
TOTAL ELECTRIC SALES	12	3654950	3675831	-0.57%

(CONTINUED)

TABLE 1 (CONCLUDED)

SUMMARY OF ELECTRIC SALES BY CLASS OF SERVICE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

CLASS OF SERVICE	SEE TABLE	AVERAGE NUMBER OF CUSTOMERS		
		1982	1981	% CHANGE
RESIDENTIAL	4	146161	142185	2.80%
RURAL	5	16938	16612	1.96
COMMERCIAL AND INDUSTRIAL	6	23569	23621	-0.22
PUBLIC STREET AND HIGHWAY LIGHTING	7	138	138	0.0
OTHER SALES TO PUBLIC AUTHORITIES	8	253	252	0.40
INTERDEPARTMENTAL	9	100	101	-0.99
TOTAL SALES TO ULTIMATE CONSUMERS	10	187159	182909	2.32%
SALES FOR RESALE	11	7	6	16.67
TOTAL ELECTRIC SALES	12	187166	182915	2.32%

1982			PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
CLASS OF SERVICE	SEE TABLE	REVENUE PER KWH SOLD	REVENUE	
			1982	1981
RESIDENTIAL	4-A	4.77¢	30.21%	29.90%
RURAL	5-A	5.09	6.09	5.65
COMMERCIAL AND INDUSTRIAL	6-A	4.62	59.64	61.04
PUBLIC STREET AND HIGHWAY LIGHTING	7-A	6.69	2.04	1.44
OTHER SALES TO PUBLIC AUTHORITIES	8-A	5.30	0.84	0.75
INTERDEPARTMENTAL	9-A	4.59	1.18	1.22
TOTAL SALES TO ULTIMATE CONSUMERS	10	4.72¢	100.00%	100.00%
SALES FOR RESALE	11-A	17.35		
TOTAL ELECTRIC SALES	12	4.73¢		

TABLE 2

SUMMARY OF OPERATING EXPENSES BY TYPE OF EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

TYPE OF EXPENSE	SEE TABLE	EXPENSE		
		1982	1981	% CHANGE
ELECTRIC GENERATION PURCHASED POWER ^{1/}	15	\$ 13093007	\$ 12086999	8.32%
	15	129683052	109416309	18.52
TOTAL PRODUCTION TRANSMISSION AND DISTRIBUTION	15	\$ 142776059	\$ 121503308	17.51%
CUSTOMER ACCOUNTS - CLASS A,B&C UTILITIES	16	6218597	5652966	10.01
ADMINISTRATIVE AND GENERAL ^{2/}	17	2845581	2516673	13.07
	18	7535668	7602873	-0.88
TOTAL OPERATION AND MAINTENANCE DEPRECIATION AND AMORTIZATION	19	\$ 159375905	\$ 137275820	16.10%
TAXES	20	7093175	6717371	5.59
	21	4391941	4266673	2.94
TOTAL OPERATING	22	\$ 170861021	\$ 148259864	15.24%

1982			
		EXPENSE PER KWH SOLD	PERCENT OF OPERATION AND MAINTENANCE EXPENSE
TOTAL PRODUCTION	15-A	3.91¢	89.58%
TRANSMISSION AND DISTRIBUTION	16-A	0.17	3.64
CUSTOMER ACCOUNTS - CLASS A,B&C UTILITIES	17	0.08	1.67
ADMINISTRATIVE AND GENERAL ^{2/}	18	0.21	4.41
TOTAL OPERATION AND MAINTENANCE	19	4.36¢	100.00%
DEPRECIATION AND AMORTIZATION	20	0.19	93.28%
TAXES	21	0.12	4.15
TOTAL OPERATING	22	4.67¢	2.57
			100.00%

^{1/} INCLUDES OTHER POWER PRODUCTION EXPENSE.

^{2/} INCLUDES SALES AND CUSTOMER ACCOUNTS EXPENSES FOR CLASS D UTILITIES.

TABLE 3

SUMMARY OF MISCELLANEOUS STATISTICS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982

	SEE TABLE	1982
NUMBER OF MUNICIPAL ELECTRIC UTILITIES.....		85
OPERATING RATIO (INCLUDING DEPRECIATION AND TAXES).....	22	97.40%
SOURCE OF POWER (AS A PERCENT OF TOTAL GENERATION AND PURCHASES)	23	
STEAM.....	23	5.07%
HYDRAULIC.....	23	3.02%
OTHER (INTERNAL COMBUSTION RECIPROCATING AND TURBINE).....	23	0.10%
PURCHASES.....	23	91.81%
RURAL CUSTOMERS AS A PERCENT OF TOTAL CUSTOMERS.....	23	9.05%
UTILITY PLANT IN SERVICE.....	23	\$ 210620597
UTILITY PLANT IN SERVICE PER DOLLAR OF REVENUE.....	23	\$ 1.20
RESERVE FOR DEPRECIATION.....	23	\$ 93347525
DEPRECIATION RESERVE AS A PERCENT OF UTILITY PLANT IN SERVICE.....	23	44.32%

TABLE 4

RESIDENTIAL SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
ALGOMA	\$ 561441	\$ 419110	33.96%	10346	10234	1.09%	1481	1482	-0.07%
ARCADIA	295740	280261	5.52	6662	6307	5.63	910	889	2.36
ARGYLE	101637	88587	14.73	2806	2612	7.43	321	313	2.56
BANGOR	148622	124490	19.38	3892	3578	8.78	408	399	2.26
BARRON	373546	339235	10.11	8111	7684	5.56	1058	1041	1.63
BELMONT	118783	113986	4.21	2831	2650	6.83	331	330	0.30
BENTON	136977	113086	21.13	2788	2627	6.13	367	362	1.38
BLACK EARTH	150164	140431	6.93	2972	2802	6.07	439	425	3.29
BLACK RIVER FLS	513295	436064	17.71	13854	13092	5.82	1648	1639	0.55
BLOOMER	494228	406366	21.62	13062	12319	6.03	1328	1230	7.97
BOSCOBEL	427035	334933	27.50	8846	8353	5.90	1161	1062	9.32
BRODHEAD	498333	421550	18.21	10941	10533	2.90	1236	1235	0.08
CADOTT	188413	149259	26.23	4544	4184	8.60	470	469	0.21
CASHTON	122134	115347	5.88	2815	2657	5.95	351	357	-1.68
CEDARBURG	1339342	1112866	20.35	25929	25342	2.32	3410	3405	0.15
CENTURIA	111447	105922	5.22	2399	2210	8.55	300	302	-0.66
CLINTONVILLE	742671	626716	18.50	14450	14093	2.53	2848	1973	44.35
COLUMBUS	635180	556863	14.06	13038	12745	2.30	1623	1604	1.18
COMBINED LOCKS	14573	12839	13.51	359	369	-2.71	32	32	0.0
CORNELL	223295	160394	39.22	4817	4411	9.20	622	611	1.80
CUBA CITY	307601	262280	17.28	6472	6140	5.41	863	747	15.53
CUMBERLAND	334464	312382	7.07	6309	6100	3.43	887	880	0.80
DEERFIELD	190799	173045	10.26	3521	3512	0.26	506	507	-0.20
EAGLE RIVER	228547	168754	35.43	4435	3678	20.58	625	625	31.52
ELKHORN	673670	515309	30.73	12902	12538	2.90	1864	1850	0.76

TABLE 4 (CONTINUED)
RESIDENTIAL SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
ELROY	\$ 173465	\$ 155743	11.38%	4136	4048	2.17%	607	597	1.68%
EVANSVILLE	424766	369768	14.87	9085	8754	3.78	1241	1231	0.81
FENNIMORE	361208	331534	8.95	7883	7660	2.91	928	935	-0.75
FLORENCE	99616	85323	16.75	2121	2109	0.57	249	244	2.05
FOOTVILLE	108916	94099	15.75	2205	2149	2.61	224	224	0.0
GRESHAM	64907	63613	2.03	1640	1589	3.21	213	218	-2.29
HARTFORD	877708	780039	12.52	18104	17178	5.39	2477	2463	0.57
HAZEL GREEN	168516	148685	13.34	3210	3217	-0.22	437	443	-1.35
HUSTISFORD	181165	154921	16.94	3376	3298	2.37	549	593	-7.42
JEFFERSON	724466	611599	18.45	17100	16600	3.01	2463	2481	-0.73
JUNEAU	259142	221460	17.02	5122	4872	5.13	655	660	-0.76
KAUKAUNA	2517412	2137817	17.76	68476	71360	-4.04	7147	6903	3.53
KIEL	433149	379134	14.25	8739	8665	0.85	1110	1043	6.42
LAFARGE	124906	119715	4.34	2423	2324	4.26	318	325	-2.15
LAKE MILLS	706142	564221	25.15	13133	12103	8.51	2438	1770	37.74
LODI	243962	210279	16.02	5319	5070	4.91	749	717	4.46
MANITOWOC	3511397	2813816	24.79	74284	71963	3.23	12582	12471	0.89
MARSHFIELD	2785486	2266524	22.90	53190	51376	3.53	6909	6859	0.73
MAZOMANIE	166872	143823	16.03	3215	3049	5.44	552	525	5.14
MEDFORD	602595	532314	13.20	12907	12312	4.83	1678	1653	1.51
MENASHA	2415822	2135274	13.14	43171	42785	0.90	5818	5818	0.0
MERRILLAN	85243	81243	4.92	1723	1731	-0.46	247	245	0.82
MOUNT HOREB	498555	425271	17.23	10238	9746	5.05	1471	1278	15.10
MUSCODA	248331	223270	11.22	4418	4225	4.57	638	630	1.27
NEW GLARUS	251548	219779	14.45	5940	5571	6.62	674	671	0.45

TABLE 4 (CONTINUED)

RESIDENTIAL SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
NEW HOLSTEIN	\$ 435308	\$ 327979	32.72%	7885	7781	1.34%	1215	1170	3.85%
NEW LISBON	205516	192361	6.84	3946	3854	2.39	579	582	-0.52
NEW LONDON	982758	794128	23.75	18856	18123	4.04	2391	2383	0.34
NEW RICHMOND	689695	555791	24.09	17949	16322	9.97	1728	1688	2.37
OCONOMOWOC	1718043	1487671	15.49	36908	36740	0.46	4485	4421	1.45
OCONTO FALLS	351079	322643	8.81	7208	7349	-1.92	970	944	2.75
PARDEEVILLE	227700	188953	20.51	4773	4659	2.45	654	645	1.40
PLYMOUTH	789031	691462	14.11	16505	15969	3.36	2467	2435	1.31
PRAIRIE DU SAC	342957	290574	18.03	6558	6305	4.01	863	832	3.73
PRINCETON	214336	188101	13.95	4252	4204	1.14	714	634	12.62
REEDSBURG	805704	677873	18.86	17916	17225	4.01	2174	2130	2.07
RICE LAKE	1122646	952304	17.89	26656	24868	7.19	3021	2958	2.13
RICHLAND CENTER	838223	787724	6.41	14483	13857	4.52	2044	2054	-0.49
RIVER FALLS	905220	833495	8.61	20338	18988	7.11	2458	2406	2.16
SAUK CITY	409126	321421	27.29	8087	7375	9.65	1025	992	3.33
SHAWANO	1093709	897077	21.92	23473	22900	2.50	3096	3075	0.68
SHEBOYGAN FALLS	677505	578180	17.18	14362	13941	3.02	2312	2257	2.44
SHULSBURG	247864	202405	22.46	4858	4546	6.86	558	525	6.29
SLINGER	182769	152047	20.21	3475	3449	0.75	544	521	4.41
SPOONER	355396	310504	14.46	7845	7489	4.75	1104	1101	0.27
STOUGHTON	929513	811418	14.55	18485	17936	3.06	2899	2872	0.94
STRATFORD	142581	105177	35.56	2553	2468	3.44	382	372	2.69
STURGEON BAY	1440174	1100355	30.88	27763	27137	2.31	3669	3622	1.30
SUN PRAIRIE	1690460	1452854	16.35	36253	35007	3.56	4544	4416	2.90
TREMPEALEAU	182564	159708	14.31	4126	3891	6.04	571	543	5.16

TABLE 4 (CONTINUED)

RESIDENTIAL SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
TWO RIVERS	\$ 1650159	\$ 1310605	25.91%	29220	29286	-0.23%	5053	5052	0.02%
VIOLA	88124	85662	2.87	2093	2036	2.80	309	313	-1.28
WATERLOO	370189	303074	22.14	8266	8070	2.43	540	938	0.21
WAUNAKEE	413155	418110	-1.19	10158	9601	5.80	1351	1339	0.90
WAUPUN	1053993	902827	16.74	23015	22196	3.69	2642	2634	0.30
WESTBY	291536	237043	22.99	6962	6618	5.20	741	738	0.41
WHITEHALL	227756	179307	27.02	5675	5436	4.40	647	646	0.15
WISCONSIN DELLS	394526	403742	-2.28	8492	8005	6.08	1006	1004	0.20
WISCONSIN RPD'S	3546551	2760242	28.49	69987	68299	2.47	8889	8836	0.60
WONEWOC	122139	101606	20.21	2456	2321	5.82	456	341	33.72
TOTALS	\$ 52105237	\$ 43843762	18.84%	1092096	1058875	3.14%	146161	142185	2.80%

TABLE 4-A

SELECTED RESIDENTIAL SALES RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	1982		1982	
							REVENUE	KWH	REVENUE	KWH
ALGOMA	5.43¢	4.10¢	6986	6906	\$ 379	\$ 283	36.15%	36.45%		
ARCADIA	4.44	4.44	7321	7094	325	315	28.13	25.66		
ARGYLE	3.62	3.39	8741	8345	317	283	52.86	56.61		
BANGOR	3.82	3.48	9539	8967	364	312	13.17	15.35		
BARRON	4.61	4.41	7666	7381	353	326	32.54	32.60		
BELMONT	4.20	4.30	8553	8030	359	345	55.92	60.12		
BENTON	4.91	4.30	7597	7257	373	312	66.07	67.77		
BLACK EARTH	5.05	5.01	6770	6593	342	330	29.54	30.58		
BLACK RIVER FLS	3.71	3.33	8407	7988	311	266	37.29	40.58		
BLOOMER	3.78	3.30	9836	10015	372	330	39.21	43.80		
BOSCOBEL	4.83	4.01	7619	7865	368	315	38.02	40.15		
BRODHEAD	4.55	3.96	8852	8610	403	341	48.78	52.60		
CADOTT	4.15	3.57	9668	8921	401	318	46.15	51.47		
CASHTON	4.34	4.34	8020	7443	348	323	56.40	57.60		
CEDARBURG	5.17	4.39	7604	7443	393	327	33.41	34.98		
CENTURIA	4.65	4.79	7997	7318	371	351	55.16	58.67		
CLINTONVILLE	5.14	4.45	5074	7143	261	318	38.62	37.71		
COLUMBUS	4.87	4.37	8033	7946	391	347	40.34	40.94		
COMBINED LOCKS	4.06	3.48	11219	11531	455	401	100.00	100.00		
CORNELL	4.64	3.64	7744	7219	359	263	51.74	53.70		
CUBA CITY	4.75	4.27	7499	8220	356	351	51.59	53.22		
CUMBERLAND	5.30	5.12	7113	6932	377	355	32.18	32.07		
DEERFIELD	5.42	4.93	6959	6927	377	341	41.50	43.57		
EAGLE RIVER	5.15	4.59	5395	5885	278	270	22.36	23.27		
ELKHORN	5.22	4.11	6922	6777	361	279	25.95	26.62		

TABLE 4-A (CONTINUED)

SELECTED RESIDENTIAL SALES RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1981		1981		1981		1982	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH
UTILITY								
NEW HOLSTEIN	5.52¢	4.22¢	6490	6650	\$	358	18.13%	18.68%
NEW LISBON	5.21	4.99	6815	6622		355	38.58	39.64
NEW LONDON	5.21	4.38	7886	7605		411	17.24	15.76
NEW RICHMOND	3.84	3.41	10387	9669		399	43.35	46.88
OCONOMOWOC	4.65	4.05	8229	8310		383	34.04	35.11
OCONTO FALLS	4.87	4.39	7431	7785		362	47.68	49.32
PARDEEVILLE	4.77	4.06	7298	7223		348	42.04	43.02
PLYMOUTH	4.78	4.33	6690	6558		320	16.21	16.30
PRAIRIE DU SAC	5.23	4.61	7599	7578		397	50.62	53.94
PRINCETON	5.04	4.47	5955	6631		300	46.66	47.80
REEDSBURG	4.50	3.94	8241	8087		371	26.51	26.25
RICE LAKE	4.21	3.83	8824	8407		372	30.65	31.91
RICHLAND CENTER	5.79	5.68	7086	6746		410	25.41	24.42
RIVER FALLS	4.45	4.39	8274	7892		368	33.33	34.51
SAUK CITY	5.06	4.36	7890	7434		399	37.89	39.72
SHAWANO	4.66	3.92	7582	7447		353	19.50	18.69
SHEBOYGAN FALLS	4.72	4.15	6212	6177		293	18.15	17.04
SHULLSBURG	5.10	4.45	8706	8659		444	58.99	62.88
SLINGER	5.26	4.41	6388	6620		336	31.46	32.48
SPOONER	4.53	4.15	7106	6802		322	43.72	44.85
STOUGHTON	5.03	4.52	6376	6245		321	27.67	27.23
STRATFORD	5.58	4.26	6683	6634		373	32.57	34.31
STURGEON BAY	5.19	4.05	7567	7492		393	24.74	26.46
SUN PRAIRIE	4.66	4.15	7978	7927		372	45.85	46.23
PREMPELEAU	4.42	4.10	7226	7166		320	66.06	68.21

TABLE 4-A (CONTINUED)

SELECTED RESIDENTIAL SALES RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982 PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH
TWO RIVERS	5.65¢	4.48¢	5783	5797	\$ 327	\$ 259	46.62%	45.33%
VIOLA	4.21	4.21	6773	6505	285	274	52.29	57.30
WATERLOO	4.48	3.76	8794	8603	394	323	23.85	26.02
WAUNAKEE	4.07	4.35	7519	7170	306	312	35.95	37.02
WAUPUN	4.58	4.07	8711	8427	399	343	42.91	44.28
WESTBY	4.19	3.58	9395	8967	393	321	48.16	50.79
WHITEHALL	4.01	3.30	8771	8415	352	278	35.50	39.56
WISCONSIN DELLS	4.65	5.04	8441	7973	392	402	28.80	31.52
WISCONSIN RPDS	5.07	4.04	7873	7730	399	312	43.67	45.14
WONEWOC	4.97	4.38	5386	6806	268	298	51.06	50.83
AVERAGE	4.77¢	4.14¢	7472	7447	\$ 357	\$ 308	30.21%	29.90%

TABLE 5

RURAL SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
ALGOMA	\$ 12850	\$ 11772	9.16%	191	225	-15.11%	31	33	-6.06%
ARGYLE	6266	5912	5.99	162	162	0.0	6	6	0.0
BANGOR	494912	446345	10.88	10254	10005	2.49	668	657	1.67
BARRON	20094	18313	9.73	434	414	4.83	35	33	6.06
BENTON	4078	3058	33.36	80	66	21.21	4	4	0.0
BLACK EARTH	183777	194199	-5.37	3617	3797	-4.74	335	342	-2.05
BLACK RIVER FLS	71181	61834	15.12	1701	1625	4.68	97	95	2.11
BLOOMER	18624	15860	17.43	438	423	3.55	24	24	0.0
BOSCOBEL	58308	46894	24.34	1210	1169	3.51	138	138	0.0
CASHTON	4634	4884	-5.12	109	114	-4.39	9	9	0.0
CEDARBURG	161965	138553	16.90	3155	3148	0.22	280	282	-0.71
CLINTONVILLE	67896	66813	1.62	1441	1449	-0.55	109	105	3.81
CORNELL	350	240	45.83	7	7	0.0	1	1	0.0
CUMBERLAND	6352	6169	2.97	119	122	-2.46	18	17	5.88
ELKHORN	419013	290027	44.47	9082	9036	0.51	63	61	3.28
ELROY	29229	22404	30.46	642	597	7.54	38	39	-2.56
EVANSVILLE	442758	374492	18.23	8902	8242	8.01	881	651	35.33
FENNIMORE	15672	12290	11.24	307	282	8.87	14	14	0.0
FLORENCE	128488	110607	16.17	2310	2188	5.58	433	433	0.0
GRESHAM	221131	214902	2.90	5364	5254	2.09	570	565	0.88
HAZEL GREEN	5160	4684	10.16	107	103	3.88	6	6	0.0
HUSTISFORD	202317	175571	15.23	3755	3670	2.32	342	396	-13.64
JEFFERSON	317948	262482	21.13	6895	6279	9.81	336	338	-0.59
KAUKAUNA	448419	433643	3.41	11338	12940	-12.38	504	512	-1.56
KIEL	217615	191561	13.60	4217	3999	5.45	287	284	1.06

RURAL SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
LAFARGE	\$ 24787	\$ 22014	12.60%	431	386	11.66%	56	54	3.70%
LAKE MILLS	108063	154403	-30.01	2049	3168	-35.32	450	450	0.0
LODI	39468	32689	20.74	796	721	10.40	81	79	2.53
MANITOWOC	19532	15912	22.75	416	413	0.73	64	66	-3.03
MARSHFIELD	1327971	1041910	27.46	23401	22026	6.24	1436	1434	0.14
MAZOMANIE	22330	13973	59.81	342	209	63.64	44	29	51.72
MEDFORD	222537	202174	10.07	4684	4545	3.06	388	383	1.31
MERRILLAN	1146	1005	14.03	20	20	0.0	5	6	-16.67
MOUNT HOREB	174643	160148	9.05	3181	3120	1.96	190	172	10.47
MUSCODA	40059	35162	13.93	686	635	8.03	83	72	15.28
NEW GLARUS	12326	10808	14.05	290	273	6.23	24	20	20.00
NEW HOLSTEIN	578631	439395	31.69	10436	10315	1.17	682	593	15.01
NEW LONDON	91212	69266	31.68	1711	1615	5.94	139	140	-0.71
NEW RICHMOND	27975	23571	18.68	682	610	11.80	30	29	3.45
OCONTO FALLS	2030	1903	6.67	43	44	-2.27	4	5	-20.00
PARDEEVILLE	48448	37686	28.56	1013	926	9.40	132	106	24.53
PLYMOUTH	1288755	1118505	15.22	25162	23821	5.63	2041	2027	0.69
REEDSBURG	21346	18889	13.01	415	413	0.48	48	47	2.13
RICE LAKE	117329	103710	13.13	2696	2669	1.01	262	270	-2.96
RICHLAND CENTER	71529	72146	-0.86	1111	1147	-3.14	108	117	-7.69
RIVER FALLS	164298	148907	10.34	3425	3166	8.18	374	365	2.47
SAUK CITY	26159	26599	-1.65	470	808	-41.83	22	36	-38.89
SHAWANO	168898	142975	18.13	4093	4056	0.91	408	407	0.25
SHEBOYGAN FALLS	98624	90883	8.52	1985	1941	2.27	167	158	5.70
SLINGER	14189	12168	16.61	276	279	-1.08	35	35	0.0

TABLE 5 (CONTINUED)

RURAL SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
SPOONER	\$ 10212	\$ 8258	23.66%	218	201	8.46%	19	19	0.0%
STOUGHTON	832879	743107	12.08	16408	16435	-0.16	1858	1919	-3.18
STRATFORD	67863	48684	39.39	1172	1093	7.23	134	112	19.64
STURGEON BAY	961701	775299	24.04	15654	15490	1.06	1733	1719	0.81
SUN PRAIRIE	11316	9991	13.26	247	245	0.82	23	23	0.0
TREMPEALEAU	21840	18960	15.19	455	421	8.08	40	40	0.0
TWO RIVERS	17266	13809	25.03	315	318	-0.94	34	34	0.0
VIOLA	19648	20318	-3.30	433	462	-6.28	1	1	0.0
WATERLOO	44860	36522	22.83	981	954	2.83	85	86	-1.16
WAUNAKEE	37027	36650	1.03	865	827	4.59	63	63	0.0
WAUPUN	69300	73505	-5.72	1480	1756	-15.72	156	168	-7.14
WHITEHALL	14792	12330	19.97	323	315	2.54	39	35	11.43
WISCONSIN RPDS	122672	98221	24.89	2062	1998	3.20	223	225	-0.89
WONEWOC	10634	9181	15.83	209	201	3.98	28	23	21.74
TOTALS	\$ 10511332	\$ 9015145	16.60%	206473	203358	1.53%	16938	16612	1.96%

TABLE 5-A

SELECTED RURAL SALES RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	1982	1981	REVENUE	KWH
ALGOMA	6.73¢	5.23¢	6161	6818	\$ 415	\$ 357	0.83%	0.67%		
ARGYLE	3.87	3.65	27000	27000	1044	985	3.26	3.27		
BANGOR	4.83	4.46	15350	15228	741	679	43.86	40.43		
BARRON	4.63	4.42	12400	12545	574	555	1.75	1.74		
BENTON	5.10	4.63	20000	16500	1020	765	1.97	1.94		
BLACK EARTH	5.08	5.11	10797	11102	549	568	36.15	37.22		
BLACK RIVER FLS	4.18	3.81	17536	17105	734	651	5.17	4.98		
BLOOMER	4.25	3.75	18250	17625	776	661	1.48	1.47		
BOSCOBEL	4.82	4.01	8768	8471	423	340	5.19	5.49		
CASHTON	4.25	4.28	12111	12667	515	543	2.14	2.23		
CEDARBURG	5.13	4.40	11268	11163	578	491	4.04	4.26		
CLINTONVILLE	4.71	4.61	13220	13800	623	636	3.53	3.76		
CORNELL	5.00	3.43	7000	7000	350	240	0.08	0.08		
CUMBERLAND	5.34	5.06	6611	7176	353	363	0.61	0.60		
ELKHORN	4.61	3.21	144159	148131	6651	4755	16.14	18.74		
ELROY	4.55	3.75	16895	15308	769	574	5.40	4.81		
EVANSVILLE	4.97	4.54	10104	12661	503	575	25.89	25.68		
FENNIMORE	4.45	4.36	21929	20143	977	878	1.60	1.72		
FLORENCE	5.56	5.06	5335	5053	297	255	33.40	31.53		
GRESHAM	4.12	4.09	9411	9299	388	380	57.93	61.74		
HAZEL GREEN	4.82	4.55	17833	17167	860	781	1.62	1.84		
HUSTISFORD	5.39	4.78	10980	9268	592	443	32.11	33.14		
JEFFERSON	4.61	4.18	20521	18577	946	777	8.61	8.40		
KAUKAUNA	3.96	3.35	22496	25273	890	847	3.00	2.64		
KIEL	5.16	4.79	14693	14081	758	675	14.33	14.47		

TABLE 5-A (CONTINUED)

SELECTED RURAL SALES RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	1982	1981	REVENUE	KWH	REVENUE	KWH
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LAFARGE	5.75¢	5.70¢	7696	7148	\$ 443	\$ 408			10.31%	9.59%		
LAKE MILLS	5.27	4.87	4553	7040	243	343			5.48	5.09		
LODI	4.96	4.53	9827	9127	487	414			6.57	6.49		
MANITOWOC	4.70	3.85	6500	6258	305	241			0.16	0.16		
MARSHFIELD	5.67	4.73	16296	15360	925	727			12.29	11.13		
MAZOMANIE	6.53	6.69	7773	7207	508	482			6.23	4.89		
MEDFORD	4.75	4.45	12072	11867	574	528			8.95	8.75		
MERRILLAN	5.73	5.02	4000	3333	229	168			0.72	0.72		
MOUNT HOREB	5.49	5.13	16742	18140	919	931			12.64	11.28		
MUSCODA	5.84	5.54	8265	8819	483	488			5.57	5.60		
NEW GLARUS	4.25	3.96	12083	13650	514	540			2.12	2.21		
NEW HOLSTEIN	5.54	4.26	15302	17395	848	741			24.10	24.73		
NEW LONDON	5.33	4.29	12309	11536	656	495			1.60	1.43		
NEW RICHMOND	4.10	3.86	22733	21034	933	813			1.76	1.78		
OCONTO FALLS	4.72	4.32	10750	8800	508	381			0.28	0.29		
PARDEEVILLE	4.78	4.07	7674	8736	367	356			8.94	9.13		
PLYMOUTH	5.12	4.70	12328	11752	631	552			26.47	24.85		
REEDSBURG	5.14	4.57	8646	8787	445	402			0.70	0.51		
RICE LAKE	4.35	3.89	10290	9885	448	384			3.20	3.23		
RICHLAND CENTER	6.44	6.29	10287	9803	662	617			2.17	1.87		
RIVER FALLS	4.80	4.70	9158	8674	439	408			6.05	5.81		
SAUK CITY	5.57	3.29	21364	22444	1189	739			2.42	2.31		
SHAWANO	4.13	3.53	10032	9966	414	351			3.01	3.26		
SHEBOYGAN FALLS	4.97	4.68	11886	12285	591	575			2.64	2.35		
SLINGER	5.14	4.36	7886	7971	405	348			2.44	2.58		

TABLE 5-A (CONTINUED)
 SELECTED RURAL SALES RATIOS
 MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
 1982 - 1981

	1982										PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS						
	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		REVENUE		KWH								
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981							
UTILITY																	
SPOONER	4.68¢	4.11¢	11474	10579	\$	537	\$	435	1.26%	1.25%							
STOUGHTON	5.08	4.52	8831	8564		448		387		24.79							
STRAITFORD	5.79	4.45	8746	9759		506		375		15.50							
STURGEON BAY	6.14	5.01	9033	9011		555		451		16.52							
SUN PRAIRIE	4.58	4.08	10739	10652		492		434		0.31							
TREMPEALEAU	4.80	4.50	11375	10525		546		474		7.90							
TWO RIVERS	5.48	4.34	9265	9353		508		406		0.49							
VIOLA	4.54	4.40	433000	462000		19648		20318		11.66							
WATERLOO	4.57	3.83	11541	11093		528		425		2.89							
WAUNAKEE	4.28	4.43	13730	13127		588		582		3.22							
WAUPUN	4.68	4.19	9487	10452		444		438		2.82							
WHITEHALL	4.58	3.91	8282	9000		379		352		2.31							
WISCONSIN RPDS	5.95	4.92	9247	8880		550		437		1.51							
WONEWOC	5.09	4.57	7464	8739		380		399		4.45							
AVERAGE	5.09¢	4.43¢	12190	12242	\$	621	\$	543	6.09%	5.65%							

TABLE 6

COMMERCIAL AND INDUSTRIAL SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
ALGOMA	\$ 940428	\$ 722828	30.10%	17170	17956	-4.38%	266	255	4.31%
ARCADIA	698086	686424	1.70	17864	18521	-3.55	233	251	-7.17
ARGYLE	69174	63561	8.83	1583	1541	2.73	83	81	2.47
BANGOR	463514	424240	9.26	10952	10871	0.75	94	92	2.17
BARRON	627455	545566	15.01	13405	12582	6.54	262	253	3.56
BELMONT	82777	58734	40.94	1675	1241	34.97	82	80	2.50
BENTON	52806	37849	39.52	1065	857	24.27	52	50	4.00
BLACK EARTH	165590	129780	27.59	2941	2439	20.58	45	73	-38.36
BLACK RIVER FLS	754530	714038	5.67	17739	18713	-5.20	427	429	-0.47
BLOOMER	685548	617570	11.01	14962	15088	-0.84	183	183	0.0
BOSCOBEL	605688	537958	12.59	11473	12172	-5.74	244	232	5.17
BRODHEAD	494419	375606	31.63	9391	8250	13.83	262	256	2.34
CADOTT	205479	170869	20.26	3934	3761	4.60	108	106	1.89
CASHTON	73772	74488	-0.96	1628	1623	0.31	76	76	0.0
CEDARBURG	2340492	2066294	13.27	42471	43804	-3.04	611	518	17.95
CENTURIA	81963	77168	6.21	1557	1443	7.90	74	76	-2.63
CLINTONVILLE	1018354	880533	15.65	20809	20907	-0.47	331	336	-1.49
COLUMBUS	883347	785546	12.45	17812	17869	-0.32	321	307	4.56
CORNELL	187230	169438	10.50	3787	4020	-5.80	124	127	-2.36
CUBA CITY	269827	230157	17.24	5395	4998	7.94	132	127	3.94
CUMBERLAND	658975	601638	9.53	12677	11791	7.51	196	199	-1.51
DEERFIELD	243980	207221	17.74	4214	4136	1.89	105	102	2.94
EAGLE RIVER	745587	551459	35.20	13817	13955	-0.99	378	367	3.00
ELKHORN	1420566	996864	42.50	25040	23540	6.37	404	399	1.25
ELROY	319113	244712	30.40	8181	6617	23.64	134	144	-6.94

TABLE 6 (CONTINUED)
COMMERCIAL AND INDUSTRIAL SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
EVANSVILLE	\$ 815798	\$ 813683	0.26%	16233	17972	-9.68%	321	226	42.04%
FENNIMORE	452956	430537	5.21	9121	9073	0.53	199	206	-3.40
FLORENCE	145118	129923	11.70	2703	2667	1.35	69	68	1.47
FOOTVILLE	58392	49625	17.67	1026	987	3.95	54	54	0.0
GRESHAM	81343	74919	8.57	1461	1477	-1.08	52	51	1.96
HARTFORD	1738206	1597898	8.78	34856	34717	0.40	435	427	1.87
HAZEL GREEN	130805	105666	23.79	2224	1924	15.59	73	71	2.82
HUSTISFORD	231268	190324	21.51	3697	3516	5.15	94	98	-4.08
JEFFERSON	2591237	2342475	10.62	56751	59869	-5.21	380	375	1.33
JUNEAU	722072	669360	7.87	15586	16585	-6.02	105	129	-18.60
KAUKAUNA	11790185	10456299	12.76	345712	356777	-3.10	749	783	-4.34
KIEL	774841	702200	10.34	14510	14791	-1.90	142	200	-29.00
LAFARGE	79404	77863	1.98	1477	1476	0.07	115	113	1.77
LAKE MILLS	1102342	1038229	6.18	24218	25750	-5.95	259	259	0.0
LODI	293020	258112	13.52	5760	5648	1.98	164	163	0.61
MANITOWOC	8065971	6558599	22.98	181421	183607	-1.19	1532	1700	-9.88
MARSHFIELD	5968119	4959838	20.33	120199	121416	-1.00	887	898	-1.22
MAZOMANIE	152051	123184	23.43	3075	2805	9.63	69	55	25.45
MEDFORD	1587609	1455353	9.09	34531	35375	-2.39	354	348	1.72
MENASHA	2902782	2590771	12.04	56248	56021	0.41	454	455	-0.22
MERRILLAN	46643	42329	10.19	873	844	3.44	44	45	-2.22
MOUNT HOREB	599787	512304	17.08	12963	12716	1.94	212	199	6.53
MUSCODA	408079	354441	15.13	6798	6106	11.33	149	149	0.0
NEW GLARUS	298461	253616	17.68	6514	5751	13.27	140	135	3.70
NEW HOLSTEIN	1342489	1087314	23.47	23121	24478	-5.54	159	158	0.63

TABLE 6 (CONTINUED)
COMMERCIAL AND INDUSTRIAL SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
NEW LISBON	\$ 295556	\$ 286397	3.20%	5647	5844	-3.37%	107	110	-2.73%
NEW LONDON	4457889	3645143	22.30	95993	93988	2.13	301	294	2.38
NEW RICHMOND	811494	690115	17.59	18368	17548	4.67	291	268	8.58
OCONOMOWOC	3152661	2762868	14.11	65466	66812	-2.01	789	788	0.13
OCONTO FALLS	350620	335383	4.54	6820	7249	-5.92	203	212	-4.25
PARDEEVILLE	247132	196392	25.84	5014	4569	9.74	142	135	5.19
PLYMOUTH	2596573	2288553	13.46	55701	54454	2.29	567	555	2.16
PRAIRIE DU SAC	304945	211543	44.15	5195	4055	28.11	137	132	3.79
PRINCETON	227314	186657	21.78	4382	4247	3.18	163	161	1.24
REEDSBURG	2152764	1968945	9.34	48781	52683	-7.41	440	430	2.33
RICE LAKE	2304186	1999109	15.26	51958	48139	7.93	595	592	0.51
RICHLAND CENTER	2208525	2210307	-0.08	40111	41593	-3.56	523	537	-2.61
RIVER FALLS	1541668	1490670	3.42	33351	32477	2.69	367	336	9.23
SAUK CITY	598710	502868	19.06	11174	11022	1.38	207	208	-0.48
SHAWANO	4244369	3424156	23.95	96282	90083	6.88	530	526	0.76
SHEBOYGAN FALLS	2892951	2412488	19.92	67073	65714	2.07	279	274	1.82
SHULLSBURG	148542	125486	18.37	2513	2499	0.56	138	153	-9.80
SLINGER	345357	285439	20.99	6189	6168	0.34	160	162	-1.23
SPOONER	427436	391526	9.17	9085	8981	1.16	268	266	0.75
STOUGHTON	1496975	1313450	13.97	31469	31507	-0.12	422	419	0.72
STRATFORD	214777	155742	37.91	3526	3147	12.04	98	145	-32.41
STURGEON BAY	3212669	2285920	40.54	58289	51301	13.62	568	568	0.0
SUN PRAIRIE	1793137	1548469	15.80	38157	37301	2.29	477	470	1.49
TREMPEALEAU	65141	55735	16.88	1336	1222	9.33	64	62	3.23
TWO RIVERS	1520422	1220329	24.59	29274	31367	-6.67	500	499	0.20

TABLE 6 (CONTINUED)

COMMERCIAL AND INDUSTRIAL SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
VIOLA	\$ 49619	\$ 44075	12.58%	974	887	9.81%	78	75	4.00%
WATERLOO	1056648	836922	26.25	21015	19055	10.29	203	202	0.50
WAUNAKEE	671384	747537	-10.19	15897	16811	-5.44	216	211	2.37
WAUPUN	1243714	1079919	15.17	25934	26130	-0.75	380	376	1.06
WESTBY	286755	240878	19.05	6038	5666	6.57	124	126	-1.59
WHITEHALL	374881	315760	18.72	8008	7410	8.07	144	146	-1.37
WISCONSIN DELLS	921619	703137	31.07	17898	15935	12.32	488	537	-9.12
WISCONSIN RPDS	4105681	3330811	23.26	77831	78944	-1.41	1085	1083	0.18
WONEWOC	93617	100798	-7.12	1928	2221	-13.19	77	79	-2.53
TOTALS	\$102883409	\$ 88238930	16.60%	2229297	2228072	0.05%	23569	23621	-0.22%

TABLE 6-A
SELECTED COMMERCIAL AND INDUSTRIAL SALES RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982		1982		1982		1982		1982	
	1982	1981	1982	1981	1982	1981	1982	1981	REVENUE	KWH
ALGOMA	5.48¢	4.03¢	64549	70416	\$ 3535	\$ 2835	\$		60.55%	60.49%
ARCADIA	3.91	3.71	76670	73789	2996	2735			66.40	68.81
ARGYLE	4.37	4.12	19072	833	833	785			35.97	31.93
BANGOR	4.23	3.90	116511	118163	4931	4611			41.08	43.18
BARRON	4.68	4.34	51164	49731	2395	2156			54.67	53.88
BELMONT	4.94	4.73	20427	15513	1009	734			38.97	35.57
BENTON	4.96	4.42	20481	17140	1016	757			25.47	25.89
BLACK EARTH	5.63	5.32	65356	33411	3680	1778			32.57	30.26
BLACK RIVER FLS	4.25	3.82	41543	43620	1767	1664			54.82	51.96
BLOOMER	4.58	4.09	81760	82448	3746	3375			54.39	50.17
BOSCOBEL	5.28	4.42	47021	52466	2482	2319			53.93	52.07
BRODHEAD	5.26	4.55	35844	32227	1887	1467			48.40	45.15
CADOTT	5.22	4.54	36426	35481	1903	1612			50.33	44.56
CASHTON	4.53	4.59	21421	21355	971	980			34.07	33.31
CEDARBURG	5.51	4.72	69511	84564	3831	3989			58.39	57.29
CENTURIA	5.26	5.35	21041	18987	1108	1015			40.57	38.08
CLINTONVILLE	4.89	4.21	62867	62223	3077	2621			52.95	54.31
COLUMBUS	4.96	4.40	55489	58205	2752	2559			56.10	55.94
CORNELL	4.94	4.21	30540	31654	1510	1334			43.39	42.21
CUBA CITY	5.00	4.60	40871	39354	2044	1812			45.25	44.37
CUMBERLAND	5.20	5.10	64679	59251	3362	3023			63.41	64.44
DEERFIELD	5.79	5.01	40133	40549	2324	2032			53.07	52.15
EAGLE RIVER	5.40	3.95	36553	38025	1972	1503			72.94	72.48
ELKHORN	5.67	4.23	61980	58998	3516	2498			54.71	51.66
ELROY	3.90	3.70	61052	45951	2381	1699			58.98	61.28

TABLE 6-A (CONTINUED)
 SELECTED COMMERCIAL AND INDUSTRIAL SALES RATIOS
 MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
 1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		1981		1982		1981		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	REVENUE	KWH	REVENUE	KWH	REVENUE	KWH
EVANSVILLE	5.03¢	4.53¢	50570	79522	\$	\$	2541	3600	2541	3600	47.71%	46.83%	47.71%	46.83%		
FENNIMORE	4.97	4.75	45834	44044			2276	2090	2276	2090	52.90	51.17	52.90	51.17		
FLORENCE	5.37	4.87	39174	39221			2103	1911	2103	1911	37.72	36.89	37.72	36.89		
FOOTVILLE	5.69	5.03	19000	18278			1081	919	1081	919	31.71	29.70	31.71	29.70		
GRESHAM	5.57	5.07	28096	28961			1564	1469	1564	1469	21.31	16.82	21.31	16.82		
HARTFORD	4.99	4.60	80129	81304			3996	3742	3996	3742	63.58	64.06	63.58	64.06		
HAZEL GREEN	5.88	5.49	30466	27099			1792	1488	1792	1488	40.99	38.33	40.99	38.33		
HUSTISFORD	6.26	5.41	39330	35878			2460	1942	2460	1942	36.71	32.63	36.71	32.63		
JEFFERSON	4.57	3.91	149345	159651			6819	6247	6819	6247	70.18	69.12	70.18	69.12		
JUNEAU	4.63	4.04	148438	128566			6877	5189	6877	5189	69.96	72.05	69.96	72.05		
KAUKAUNA	3.41	2.93	461565	455654			15741	13354	15741	13354	78.92	80.62	78.92	80.62		
KIEL	5.34	4.75	102183	73955			5457	3511	5457	3511	51.02	49.79	51.02	49.79		
LAFARGE	5.38	5.28	12843	13062			690	689	690	689	33.04	32.87	33.04	32.87		
LAKE MILLS	4.55	4.03	93506	99421			4256	4009	4256	4009	55.93	60.19	55.93	60.19		
LODI	5.09	4.57	35122	34650			1787	1584	1787	1584	48.79	46.93	48.79	46.93		
MANITOWOC	4.45	3.57	118421	108004			5265	3858	5265	3858	67.06	68.46	67.06	68.46		
MARSHFIELD	4.97	4.08	135512	135207			6728	5523	6728	5523	55.24	57.18	55.24	57.18		
MAZOMANIE	4.94	4.39	44565	51000			2204	2240	2204	2240	42.45	43.96	42.45	43.96		
MEDFORD	4.60	4.11	97545	101652			4485	4182	4485	4182	63.85	64.49	63.85	64.49		
MENASHA	5.16	4.62	123894	123123			6394	5694	6394	5694	47.88	50.02	47.88	50.02		
MERRILLAN	5.34	5.02	19841	18756			1060	941	1060	941	33.23	31.61	33.23	31.61		
MOUNT HOREB	4.63	4.03	61146	63900			2829	2574	2829	2574	43.42	45.99	43.42	45.99		
MUSCODA	6.00	5.80	45624	40980			2739	2379	2739	2379	56.69	55.48	56.69	55.48		
NEW GLARUS	4.58	4.41	46529	42600			2132	1879	2132	1879	51.26	49.63	51.26	49.63		
NEW HOLSTEIN	5.81	4.44	145415	154924			8443	6882	8443	6882	55.90	54.78	55.90	54.78		

TABLE 6-A (CONTINUED)

SELECTED COMMERCIAL AND INDUSTRIAL SALES RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH	REVENUE	KWH
NEW LISBON	5.23¢	4.90¢	52776	53127	\$ 2762	\$ 2604	55.48%	56.73%		
NEW LONDON	4.64	3.88	318914	319687	14810	12398	78.21	80.26		
NEW RICHMOND	4.42	3.93	63120	65478	2789	2575	51.01	47.97		
OCONOMOWOC	4.82	4.14	82973	84787	3996	3506	62.46	62.28		
OCONTO FALLS	5.14	4.63	33596	34193	1727	1582	47.61	46.66		
PARDEEVILLE	4.93	4.30	35310	33844	1740	1455	45.62	45.19		
PLYMOUTH	4.66	4.20	98238	98115	4580	4124	53.34	55.02		
PRAIRIE DU SAC	5.87	5.22	37920	30720	2226	1603	45.01	42.73		
PRINCETON	5.19	4.40	26883	26379	1395	1159	49.49	49.26		
REEDSBURG	4.41	3.74	110866	122519	4893	4579	70.83	71.46		
RICE LAKE	4.43	4.15	87324	81316	3873	3377	62.92	62.20		
RICHLAND CENTER	5.51	5.31	76694	77454	4223	4116	66.95	67.63		
RIVER FALLS	4.62	4.59	90875	96658	4201	4437	56.76	56.60		
SAUK CITY	5.36	4.56	53981	52990	2892	2418	55.45	54.88		
SHAWANO	4.41	3.80	181664	171260	8008	6510	75.68	76.66		
SHERBOYGAN FALLS	4.31	3.67	240405	239832	10369	8805	77.50	79.56		
SHULLSBURG	5.91	5.02	18210	16333	1076	820	35.35	32.53		
SLINGER	5.58	4.63	38681	38074	2158	1762	59.44	57.84		
SPOONER	4.70	4.36	33899	33763	1595	1472	52.58	51.94		
STOUGHTON	4.76	4.17	74571	75196	3547	3135	44.56	46.36		
STRAITFORD	6.09	4.95	35980	21703	2192	1074	49.07	47.38		
STURGEON BAY	5.51	4.46	102621	90319	5656	4025	55.20	55.56		
SUN PRAIRIE	4.70	4.15	79994	79364	3759	3295	48.63	48.65		
TREMPEALEAU	4.88	4.56	20875	19710	1018	899	23.57	22.09		
TWO RIVERS	5.19	3.89	58548	62860	3041	2446	42.96	45.42		

TABLE 6-A (CONTINUED)
 SELECTED COMMERCIAL AND INDUSTRIAL SALES RATIOS
 MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
 1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH
VIOLA	5.09¢	4.97¢	12487	11827	\$ 636	\$ 588	29.44%	26.66%
WATERLOO	5.03	4.39	103522	94332	5205	4143	68.08	66.15
WAUNAKEE	4.22	4.45	73597	79673	3108	3543	58.41	57.94
WAUPUN	4.80	4.13	68247	69495	3273	2872	50.63	49.90
WESTBY	4.75	4.25	48694	44968	2313	1912	47.37	44.05
WHITEHALL	4.68	4.26	55611	50753	2603	2163	58.44	55.82
WISCONSIN DELLS	5.15	4.41	36676	29674	1889	1309	67.29	66.43
WISCONSIN RPDS	5.28	4.22	71734	72894	3784	3076	50.56	50.20
WONEWOC	4.86	4.54	25039	28114	1216	1276	39.13	39.90
AVERAGE	4.62¢	3.96¢	94586	94326	\$ 4365	\$ 3736	59.64%	61.04%

TABLE 7

PUBLIC STREET AND HIGHWAY LIGHTING SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
ALGOMA	\$ 29093	\$ 23961	21.42%	411	422	-2.61%	1	1	0.0 %
ARCADIA	27245	26840	1.51	443	420	5.48	4	4	0.0
ARGYLE	12892	13133	-1.84	351	359	-2.23	2	2	0.0
BANGOR	17625	15218	15.82	193	168	14.88	2	2	0.0
BARRON	103672	26150	296.45	2147	413	419.85	1	1	0.0
BELMONT	6955	7099	-2.03	118	116	1.72	1	1	0.0
BENTON	11525	10346	11.40	145	145	0.0	1	1	0.0
BLACK EARTH	6147	5714	7.58	136	134	1.49	1	1	0.0
BLACK RIVER FLS	25759	23176	11.15	561	555	1.08	3	3	0.0
BLOOMER	20605	15200	35.56	398	394	1.02	1	1	0.0
BOSCOBEL	23852	21941	8.71	351	371	-5.39	3	3	0.0
BRODHEAD	23057	22005	4.78	359	354	1.41	1	1	0.0
CADOTT	10129	8610	17.64	343	336	2.08	1	1	0.0
CASHTON	6625	6666	-0.62	138	134	2.99	1	1	0.0
CEDARBURG	118910	105774	12.42	1613	1643	-1.83	1	1	0.0
CENTURIA	6440	6481	-0.63	93	85	9.41	3	3	0.0
CLINTONVILLE	52674	44131	19.36	758	776	-2.32	1	1	0.0
COLUMBUS	37405	34593	8.13	558	588	-5.10	2	2	0.0
CORNELL	17218	14082	22.27	290	317	-8.52	3	3	0.0
CUBA CITY	13834	14306	-3.30	161	180	-10.56	1	1	0.0
CUMBERLAND	25707	25463	0.96	318	324	-1.85	1	1	0.0
DEERFIELD	18091	17589	2.85	210	220	-4.55	1	1	0.0
EAGLE RIVER	17722	14737	20.26	241	294	-18.03	2	2	0.0
ELKHORN	46894	37798	24.06	577	577	0.0	3	3	0.0
ELROY	13738	15910	-13.65	262	271	-3.32	1	1	0.0

TABLE 7 (CONTINUED)
PUBLIC STREET AND HIGHWAY LIGHTING SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
EVANSVILLE	\$ 16413	\$ 15348	6.94%	230	229	0.44%	2	2	0.0
FENNIMORE	15605	14019	11.31	253	250	1.20	1	1	0.0
FLORENCE	7148	6909	3.46	110	111	-0.90	1	1	0.0
FOOTVILLE	11882	11068	7.35	140	138	1.45	1	1	0.0
GRESHAM	7381	5407	36.51	73	39	87.18	2	2	0.0
HARTFORD	110177	88862	23.99	1294	1256	3.03	1	1	0.0
HAZEL GREEN	9224	8402	9.78	159	152	4.61	1	1	0.0
HUSTISFORD	10565	9175	15.15	712	712	-0.65	1	1	0.0
JEFFERSON	34939	31035	12.58	707	712	-0.70	1	1	0.0
JUNEAU	29143	28128	3.61	458	403	13.65	1	1	0.0
KAUKAUNA	134052	118587	13.04	1972	2282	-13.58	1	1	0.0
KIEL	24183	29416	-17.79	265	319	-16.93	1	1	0.0
LAFARGE	7008	6916	1.33	99	96	3.13	1	1	0.0
LAKE MILLS	34786	27169	28.04	471	472	-0.21	2	2	0.0
LODI	14381	13546	6.16	193	194	-0.52	1	1	0.0
MANITOWOC	252275	250343	0.77	5103	5021	1.63	1	1	0.0
MARSHFIELD	128913	114163	12.92	1683	1630	3.25	2	2	0.0
MAZOMANIE	5657	6710	-15.69	129	130	-0.77	1	1	0.0
MEDFORD	40749	38229	6.59	730	743	-1.75	1	1	0.0
MENASHA	116637	107742	8.26	1668	1679	-0.66	2	2	0.0
MERRILLAN	4026	4026	0.0	83	83	0.0	1	1	0.0
MOUNT HOREB	48285	50580	-4.54	569	553	2.89	5	5	0.0
MUSCODA	15304	15099	1.36	248	247	0.40	1	1	0.0
NEW GLARUS	14437	13734	5.12	261	261	0.0	1	1	0.0
NEW HOLSTEIN	31108	24577	26.57	517	518	-0.19	1	1	0.0

TABLE 7 (CONTINUED)

PUBLIC STREET AND HIGHWAY LIGHTING SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
NEW LISBON	\$ 22939	\$ 23646	-2.99%	195	214	-8.88%	1	1	0.0
NEW LONDON	43643	41229	5.86	574	566	1.41	5	5	0.0
NEW RICHMOND	34210	36178	-5.44	538	563	-4.44	1	1	0.0
OCONOMOWOC	108739	95608	13.73	1448	1409	2.77	1	1	0.0
OCONTO FALLS	21441	19785	8.37	336	338	-0.59	1	1	0.0
PARDEEVILLE	13218	11384	16.11	190	191	-0.52	1	1	0.0
PLYMOUTH	70736	71073	-0.47	850	845	0.59	2	2	0.0
PRAIRIE DU SAC	22095	22327	-1.04	247	256	-3.52	1	1	0.0
PRINCETON	14094	12133	16.16	192	205	-6.34	2	2	0.0
REEDSBURG	28150	24450	15.13	464	452	2.65	1	1	0.0
RICE LAKE	93164	74335	25.33	1651	1676	-1.49	1	1	0.0
RICHLAND CENTER	180383	161212	11.89	3601	3241	11.11	2	2	0.0
RIVER FALLS	44979	43242	4.02	602	588	2.38	1	1	0.0
SAUK CITY	37089	37465	-1.00	492	487	1.03	2	2	0.0
SHAWANO	64864	56163	15.49	938	942	-0.42	5	5	0.0
SHEBOYGAN FALLS	49979	44456	12.42	602	598	0.67	1	1	0.0
SHULLSBURG	11531	9526	21.05	172	186	-7.53	1	1	0.0
SLINGER	11827	12841	-7.90	190	250	-24.00	1	1	0.0
SPOONER	19805	18374	7.79	342	336	1.79	1	1	0.0
STOUGHTON	62520	57998	7.80	736	752	-2.13	4	4	0.0
STRAITFORD	9012	7427	21.34	125	124	0.81	3	3	0.0
STURGEON BAY	82040	63823	28.54	1022	937	9.07	4	4	0.0
SUN PRAIRIE	47793	45504	5.03	616	694	-11.24	1	1	0.0
TREMPEALEAU	4125	3928	5.02	76	72	5.56	1	1	0.0
TWO RIVERS	132927	114719	15.87	1540	1537	0.20	1	1	0.0

TABLE 7 (CONTINUED)

PUBLIC STREET AND HIGHWAY LIGHTING SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
VIOLA	\$ 8360	\$ 8317	0.52%	103	119	-13.45%	1	1	0.0 %
WATERLOO	34622	30706	12.75	458	448	2.23	4	4	0.0
WAUNAKEE	18049	18453	-2.19	193	191	1.05	1	1	0.0
WAUPUN	44106	40067	10.08	490	499	-1.80	1	1	0.0
WESTBY	14603	13886	5.16	270	278	-2.88	1	1	0.0
WHITEHALL	16112	14912	8.05	175	171	2.34	1	1	0.0
WISCONSIN DELLS	53573	44772	19.66	554	538	2.97	1	1	0.0
WISCONSIN RPDs	264879	216263	22.48	3725	3666	1.61	6	6	0.0
WDNEWOC	11211	8411	33.29	85	85	0.0	1	1	0.0
TOTALS	\$ 3514910	\$ 3100726	13.36%	52534	50721	3.57%	138	138	0.0 %

TABLE 7-A
SELECTED PUBLIC STREET AND HIGHWAY LIGHTING SALES RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH	REVENUE	KWH
ALGOMA	7.08¢	5.68¢	411000	422000	\$ 29093	\$ 23961	1.87%	1.45%		
ARCADIA	6.15	6.39	110750	105000	6811	6710	2.59	1.71		
ARGYLE	3.67	3.66	175500	179500	6446	6567	6.70	7.08		
BANGOR	9.13	9.06	96500	84000	8813	7609	1.56	0.76		
BARRON	4.83	6.33	2147000	413000	103672	26150	9.03	8.63		
BELMONT	5.89	6.12	118000	116000	6955	7099	3.27	2.51		
BENTON	7.95	7.14	145000	145000	11525	10346	5.56	3.52		
BLACK EARTH	4.52	4.26	136000	134000	6147	5714	1.21	1.40		
BLACK RIVER FLS	4.59	4.18	187000	185000	8586	7725	1.87	1.64		
BLOOMER	5.18	3.86	398000	394000	20605	15200	1.63	1.33		
BOSCOBEL	6.80	5.91	117000	123667	7951	7314	2.12	1.59		
BRODHEAD	6.42	6.22	359000	354000	23057	22005	2.26	1.73		
CADOTT	2.95	2.56	343000	336000	10129	8610	2.48	3.89		
CASHTON	4.80	4.97	138000	134000	6625	6666	3.06	2.82		
CEDARBURG	7.37	6.44	1613000	1643000	118910	105774	2.97	2.18		
CENTURIA	6.92	7.62	31000	28333	2147	2160	3.19	2.27		
CLINTONVILLE	6.95	5.69	758000	776000	52674	44131	2.74	1.98		
COLUMBUS	6.70	5.88	279000	294000	18703	17297	2.38	1.75		
CORNELL	5.94	4.44	96667	105667	5739	4694	3.99	3.23		
CUBA CITY	8.59	7.95	161000	180000	13834	14306	2.32	1.32		
CUMBERLAND	8.08	7.86	318000	324000	25707	25463	2.47	1.62		
DEERFIELD	8.61	7.99	210000	220000	18091	17589	3.94	2.60		
EAGLE RIVER	7.35	5.01	120500	147000	8861	7369	1.73	1.26		
ELKHORN	8.13	6.55	192333	192333	15631	12599	1.81	1.19		
ELROY	5.24	5.87	262000	271000	13738	15910	2.54	1.96		

TABLE 7-A (CONTINUED)
 SELECTED PUBLIC STREET AND HIGHWAY LIGHTING SALES RATIOS
 MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
 1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH	REVENUE	KWH
					\$	\$				
EVANSVILLE	7.14¢	6.70¢	115000	114500	8207	7674	0.96%	0.66%		
FENNIMORE	6.17	5.61	253000	250000	15605	14019	1.82	1.42		
FLORENCE	6.50	6.22	110000	110000	7148	6909	1.86	1.50		
FOOTVILLE	8.49	8.02	140000	138000	11882	11068	6.45	4.05		
GRESHAM	10.11	13.86	36500	19500	3691	2704	1.93	0.84		
HARTFORD	8.51	7.07	1294000	1256000	110177	88862	4.03	2.38		
HAZEL GREEN	5.80	5.53	159000	152000	9224	8402	2.89	2.74		
HUSTISFORD	6.95	6.00	152000	153000	10565	9175	1.68	1.34		
JEFFERSON	4.94	4.36	707000	712000	34939	31035	0.95	0.86		
JUNEAU	6.36	6.98	458000	403000	29143	28128	2.82	2.12		
KAUKAUNA	6.80	5.20	1972000	2282000	134052	118587	0.90	0.46		
KIEL	9.13	9.22	265000	319000	24183	29416	1.59	0.91		
LAFARGE	7.08	7.20	99000	96000	7008	6916	2.92	2.20		
LAKE MILLS	7.39	5.76	235500	236000	17393	13585	1.77	1.17		
LODI	7.45	6.98	193000	194000	14381	13546	2.39	1.57		
MANITOWOC	4.94	4.99	5103000	5021000	252275	250343	2.10	1.93		
MARSHFIELD	7.66	7.00	841500	815000	64457	57082	1.19	0.80		
MAZOMANIE	4.39	5.16	129000	130000	5657	6710	1.58	1.84		
MEDFORD	5.58	5.15	730000	743000	40749	38229	1.64	1.36		
MENASHA	6.99	6.42	834000	839500	58319	53871	1.92	1.48		
MERRILLAN	4.85	4.85	83000	83000	4026	4026	2.87	3.01		
MOUNT HOREB	8.49	9.15	113800	110600	9657	10116	3.50	2.02		
MUSCODA	6.17	6.11	248000	247000	15304	15099	2.13	2.02		
NEW GLARUS	5.53	5.26	261000	261000	14437	13734	2.48	1.99		
NEW HOLSTEIN	6.02	4.74	517000	518000	31108	24577	1.30	1.22		

TABLE 7-A (CONTINUED)

SELECTED PUBLIC STREET AND HIGHWAY LIGHTING SALES RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	1982	1981	REVENUE	KWH
NEW LISBON	11.76¢	11.05¢	195000	214000	\$ 22939	\$ 23646			4.31%	1.96%
NEW LONDON	7.60	7.28	114800	113200	8729	8246			0.77	0.48
NEW RICHMOND	6.36	6.43	538000	563000	34210	36178			2.15	1.41
OCONOMOWOC	7.51	6.79	1448000	1409000	108739	95608			2.15	1.38
OCONTO FALLS	6.38	5.85	336000	338000	21441	19785			2.91	2.30
PARDEEVILLE	6.96	5.96	190000	191000	13218	11384			2.44	1.71
PLYMOUTH	8.32	8.41	425000	422500	35368	35537			1.45	0.84
PRAIRIE DU SAC	8.95	8.72	247000	256000	22095	22327			3.26	2.03
PRINCETON	7.34	5.92	96000	102500	7047	6067			3.07	2.16
REEDSBURG	6.07	5.41	464000	452000	28150	24450			0.93	0.68
RICE LAKE	5.64	4.44	1651000	1676000	93164	74335			2.54	1.98
RICHLAND CENTER	5.01	4.97	1800500	1620500	90192	80606			5.47	6.07
RIVER FALLS	7.47	7.35	602000	588000	44979	43242			1.66	1.02
SAUK CITY	7.54	7.69	246000	243500	18545	18733			3.44	2.42
SHAWANO	6.92	5.96	187600	188400	12973	11233			1.16	0.75
SHEBOYGAN FALLS	8.30	7.43	602000	598000	49979	44456			1.34	0.71
SHULLSBURG	6.70	5.12	172000	186000	11531	9526			2.74	2.23
SLINGER	6.22	5.14	190000	250000	11827	12841			2.04	1.78
SPOONER	5.79	5.47	342000	336000	19805	18374			2.44	1.96
STOUGHTON	8.49	7.71	184000	188000	15630	14500			1.86	1.08
STRATFORD	7.21	5.99	41667	41333	3004	2476			2.06	1.68
STURGEON BAY	8.03	6.81	255500	234250	20510	15956			1.41	0.97
SUN PRAIRIE	7.76	6.56	616000	694000	47793	45504			1.30	0.79
TREMPEALEAU	5.43	5.46	76000	72000	4125	3928			1.49	1.26
TWO RIVERS	8.63	7.46	1540000	1537000	132927	114719			3.76	2.39

TABLE 7-A (CONTINUED)

SELECTED PUBLIC STREET AND HIGHWAY LIGHTING SALES RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982 PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH
VIOLA	8.12¢	6.99¢	103000	119000	\$ 8360	\$ 8317	4.96%	2.82%
WATERLOO	7.56	6.85	114500	112000	8656	7677	2.23	1.44
WAUNAKEE	9.35	9.66	193000	191000	18049	18453	1.57	0.70
WAUPUN	9.00	8.03	490000	499000	44106	40067	1.80	0.94
WESTBY	5.41	4.99	270000	278000	14603	13886	2.41	1.97
WHITEHALL	9.21	8.72	175000	171000	16112	14912	2.51	1.22
WISCONSIN DELLS	9.67	8.32	554000	538000	53573	44772	3.91	2.06
WISCONSIN RPDS	7.11	5.90	620833	611000	44147	36044	3.26	2.40
WONEWOC	13.19	9.90	85000	85000	11211	8411	4.69	1.76
AVERAGE	6.69¢	6.11¢	380681	367543	\$ 25470	\$ 22469	2.04%	1.44%

TABLE 8

OTHER SALES TO PUBLIC AUTHORITIES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
BARRON	\$ 0	\$ 74942	-100.00%	0	1763	-100.00%	0	1	-100.00%
BELMONT	0	14376	-100.00	0	312	-100.00	0	2	-100.00
BLOOMER	25694	21179	21.32	667	624	6.89	2	2	0.0
MARSHFIELD	497424	421211	18.09	9700	9874	-1.76	93	90	3.33
MENASHA	537423	480452	11.86	9565	10154	-5.80	77	82	-6.10
NEW LONDON	84839	97396	-12.89	1460	2014	-27.51	47	43	9.30
OCONOMOWOC	21328	17084	24.84	459	402	14.18	2	1	100.00
PLYMOUTH	11000	9890	11.22	206	203	1.48	4	3	33.33
SUN PRAIRIE	82467	47934	72.04	1724	1194	44.39	26	26	0.0
TWO RIVERS	186009	138899	33.92	3484	3363	3.60	2	2	0.0
TOTALS	\$ 1446184	\$ 1323363	9.28%	27265	29903	-8.82%	253	252	0.40%

TABLE 8-A

SELECTED OTHER SALES TO PUBLIC AUTHORITIES RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH	REVENUE	%
BARRON	-	4.25¢	-	1763000	\$	\$	74942	-	-	-
BELMONT	-	4.61	-	156000	-	-	7188	-	-	-
BLOOMER	3.85	3.39	333500	312000	12847	10590	2.04	2.24	2.04	2.24
MARSHFIELD	5.13	4.27	104301	109711	5349	4680	4.60	4.61	4.60	4.61
MENASHA	5.62	4.73	124221	123829	6980	5859	8.86	8.51	8.86	8.51
NEW LONDON	5.81	4.84	31064	46837	1805	2265	1.49	1.22	1.49	1.22
OCONOMOWOC	4.65	4.25	229500	402000	10664	17084	0.42	0.44	0.42	0.44
PLYMOUTH	5.34	4.87	51500	67667	2750	3297	0.23	0.20	0.23	0.20
SUN PRAIRIE	4.78	4.01	66308	45923	3172	1844	2.24	2.20	2.24	2.20
TWO RIVERS	5.34	4.13	1742000	1681500	93005	69450	5.26	5.41	5.26	5.41
AVERAGE	5.30¢	4.43¢	107767	118663	\$ 5716	\$ 5251	0.84%	0.75%	0.84%	0.75%

TABLE 9

INTERDEPARTMENTAL SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
ALGOMA	\$ 9245	\$ 8524	8.46%	269	276	-2.54%	1	1	0.0 %
ARCADIA	30279	19745	53.35	992	244	306.56	1	1	0.0
ARGYLE	2317	2155	7.52	55	51	7.84	1	1	0.0
BANGOR	3652	3195	14.30	72	70	2.86	1	1	0.0
BARRON	23029	21429	7.47	782	473	65.33	1	1	0.0
BELMONT	3908	4553	-14.17	85	95	-10.53	1	1	0.0
BENTON	1929	1523	26.66	36	31	16.13	1	1	0.0
BLACK EARTH	2685	3250	-17.38	52	59	-11.86	1	1	0.0
BLACK RIVER FLS	11664	11071	5.36	286	303	-5.61	1	1	0.0
BLOOMER	15744	14431	9.10	297	221	34.39	1	1	0.0
BOSCOBEL	8286	6424	28.99	155	143	8.39	1	1	0.0
BRODHEAD	5716	4941	15.69	108	108	0.0	1	1	0.0
CADOTT	4225	3294	28.26	76	85	-10.59	1	1	0.0
CASHTON	9387	7336	27.96	197	173	13.87	1	1	0.0
CEDARBURG	47856	39273	21.85	959	931	3.01	1	1	0.0
CENTURIA	2184	2153	1.44	40	38	5.26	2	2	0.0
CLINTONVILLE	41518	36253	14.52	860	874	-1.60	1	1	0.0
COLUMBUS	18530	15459	19.87	435	406	7.14	1	1	0.0
CORNELL	3454	2612	32.24	70	70	0.0	1	1	0.0
CUBA CITY	5037	5474	-7.98	132	122	8.20	1	1	0.0
CUMBERLAND	13756	12646	8.78	251	234	7.26	1	1	0.0
DEERFIELD	6834	6584	3.80	136	145	-6.21	1	1	0.0
EAGLE RIVER	30343	22782	33.19	569	544	4.60	2	2	0.0
ELKHORN	36210	39156	-7.52	866	910	-4.84	1	1	0.0
ELROY	5468	4030	35.68	130	114	14.04	1	1	0.0

TABLE 9 (CONTINUED)
INTERDEPARTMENTAL SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
EVANSVILLE	\$ 10145	\$ 8654	17.23%	214	203	5.42%	1	1	0.0 %
FENNIMORE	12783	12174	5.00	261	259	0.77	1	1	0.0
FLORENCE	4369	3927	11.26	83	76	9.21	1	1	0.0
FOOTVILLE	4930	4284	15.08	83	81	2.47	1	1	0.0
GRESHAM	6991	730	857.67	150	16	837.50	2	2	0.0
HARTFORD	7810	6337	23.24	161	140	15.00	1	1	0.0
HAZEL GREEN	5394	5143	4.88	102	99	3.03	1	1	0.0
HUSTISFORD	4733	8944	-47.08	350	339	3.24	2	2	0.0
JEFFERSON	23674	23464	0.89	654	686	-4.66	1	1	0.0
JUNEAU	21733	14194	53.11	466	322	44.72	2	2	0.0
KAUKAUNA	49438	29564	67.22	1341	777	72.59	1	1	0.0
KIEL	68901	46665	47.65	1410	1138	23.90	2	2	0.0
LAFARGE	4232	4161	1.71	64	63	1.59	2	2	0.0
LAKE MILLS	19525	19846	-1.62	367	417	-11.99	1	1	0.0
LODI	9682	8222	17.76	206	191	7.85	1	1	0.0
MANITOWOC	177938	147626	20.53	3780	3801	-0.55	1	1	0.0
MARSHFIELD	96936	76437	26.82	2031	1923	5.62	1	1	0.0
MAZOMANIE	11314	21315	-46.92	234	505	-53.66	2	2	0.0
MEDFORD	33060	29385	12.51	692	677	2.22	2	2	0.0
MENASHA	89800	75428	19.05	1797	1729	3.93	1	1	0.0
MERRILLAN	3297	2667	23.62	63	53	18.87	1	1	0.0
MOUNT HOREB	60138	54632	10.08	1238	1146	8.03	2	2	0.0
MUSCODA	8042	5971	34.68	104	114	-8.77	1	1	0.0
NEW GLARUS	5445	5429	0.29	120	128	-6.25	1	1	0.0
NEW HOLSTEIN	13886	11186	24.14	246	260	-5.38	1	1	0.0

TABLE 9 (CONTINUED)

INTERDEPARTMENTAL SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
NEW LISBON	\$ 8706	\$ 8530	2.06%	167	165	1.21%	1	1	0.0 %
NEW LONDON	39600	38418	3.08	1015	822	23.48	1	1	0.0
NEW RICHMOND	27509	21735	26.57	750	465	61.29	2	2	0.0
OCONOMOWOC	46358	42421	9.28	833	860	-3.14	1	1	0.0
OCONTO FALLS	11202	12070	-7.19	209	246	-15.04	1	1	0.0
PARDEVILLE	5170	5504	-6.07	105	120	-12.50	2	2	0.0
PLYMOUTH	111960	87554	27.88	2814	2449	14.90	2	2	0.0
PRAIRIE DU SAC	7567	7697	-1.69	159	149	6.71	1	1	0.0
PRINCETON	3566	3325	7.25	69	76	-9.21	1	1	0.0
REEDSBURG	31394	26628	17.90	683	661	3.33	1	1	0.0
RICE LAKE	24974	23566	5.97	578	578	0.0	1	1	0.0
RIVER FALLS	59840	49551	20.76	1213	1237	-1.94	2	2	0.0
SAUK CITY	8625	6803	26.78	137	122	12.30	1	1	0.0
SHAWANO	36518	30873	18.28	802	820	-2.20	2	2	0.0
SHEBOYGAN FALLS	13682	9000	52.02	286	205	39.51	1	1	0.0
SHULLSBURG	12268	9652	27.10	183	168	8.93	1	1	0.0
SLINGER	26893	17178	56.55	570	408	39.71	2	2	0.0
SPOONER	0	5334	-100.00	0	126	-100.00	0	1	-100.00
STOUGHTON	37793	43494	-13.11	783	963	-18.69	1	1	0.0
STRAITFORD	3482	2965	17.44	66	73	-9.59	1	1	0.0
STURGEON BAY	123635	72937	69.51	2189	1598	36.98	2	2	0.0
SUN PRAIRIE	61869	49128	25.93	1428	1359	5.08	1	1	0.0
TREMPEALEAU	2706	1313	106.09	56	28	100.00	1	1	0.0
TWO RIVERS	32762	28910	13.32	621	714	-13.03	1	1	0.0
VIOLA	2783	3036	-8.33	50	57	-12.28	1	1	0.0

TABLE 9 (CONTINUED)

INTERDEPARTMENTAL SALES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
WATERLOO	\$ 45792	\$ 28790	59.06%	1050	784	33.93%	3	3	0.0 %
WAUNAKEE	9755	10314	-5.42	325	216	50.46	1	1	0.0
WAUPUN	45164	36841	22.59	1056	1017	3.83	1	1	0.0
WESTBY	12416	10456	18.75	437	434	0.69	1	1	0.0
WHITEHALL	7954	6035	31.80	165	148	11.49	1	1	0.0
WISCONSIN RPDS	81075	66562	21.80	1452	1494	-2.81	1	1	0.0
WONEWOC	1617	1292	25.15	154	29	431.03	1	1	0.0
TOTALS	\$ 2042087	\$ 1692590	20.65%	44532	40454	10.08%	100	101	-0.99%

TABLE 9-A

SELECTED INTERDEPARTMENTAL SALES RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH	REVENUE	KWH
ALGOMA	3.44¢	3.09¢	269000	276000	\$ 9245	\$ 8524	0.60%	0.95%		
ARCADIA	3.05	8.09	992000	244000	30279	19745	2.88	3.82		
ARGYLE	4.21	4.23	55000	51000	2317	2155	1.20	1.11		
BANGOR	5.07	4.56	72000	70000	3652	3195	0.32	0.28		
BARRON	2.94	4.53	782000	473000	23029	21429	2.01	3.14		
BELMONT	4.60	4.79	85000	95000	3908	4553	1.84	1.81		
BENTON	5.36	4.91	36000	31000	1929	1523	0.93	0.88		
BLACK EARTH	5.16	5.51	52000	59000	2685	3250	0.53	0.54		
BLACK RIVER FLS	4.08	3.65	286000	303000	11664	11071	0.85	0.84		
BLOOMER	5.30	6.53	297000	221000	15744	14431	1.25	1.00		
BOSCOBEL	5.35	4.49	155000	143000	8286	6424	0.74	0.70		
BRODHEAD	5.29	4.57	108000	108000	5716	4941	0.56	0.52		
CADOTT	5.56	3.88	76000	85000	4225	3294	1.03	0.08		
CASHTON	4.76	4.24	197000	173000	9387	7336	4.33	4.03		
CEDARBURG	4.99	4.22	959000	931000	47856	39273	1.19	1.29		
CENTURIA	5.46	5.67	20000	19000	1092	1077	1.08	0.98		
CLINTONVILLE	4.83	4.15	860000	874000	41518	36253	2.16	2.24		
COLUMBUS	4.26	3.81	435000	406000	18530	15459	1.18	1.37		
CORNELL	4.93	3.73	70000	70000	3454	2612	0.80	0.78		
CUBA CITY	3.82	4.49	132000	122000	5037	5474	0.84	1.09		
CUMBERLAND	5.48	5.40	251000	234000	13756	12646	1.32	1.28		
DEERFIELD	5.02	4.54	136000	145000	6834	6584	1.49	1.68		
EAGLE RIVER	5.33	4.19	284500	272000	15172	11391	2.97	2.98		
ELKHORN	4.18	4.30	866000	910000	36210	39156	1.39	1.79		
ELROY	4.21	3.54	130000	114000	5468	4030	1.01	0.97		

TABLE 9-A (CONTINUED)

SELECTED INTERDEPARTMENTAL SALES RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	1982	1981	REVENUE	KWH
EVANSVILLE	4.74¢	4.26¢	214000	203000	\$	10145	\$	8554	0.59%	0.62%
FENNIMORE	4.90	4.70	261000	259000		12783		12174	1.46	1.46
FLORENCE	5.26	5.17	83000	76000		4369		3927	1.14	1.13
FOOTVILLE	5.94	5.29	83000	81000		4930		4284	2.68	2.40
GRESHAM	4.66	4.56	75000	8000		3496		365	1.83	1.73
HARTFORD	4.85	4.53	161000	140000		7810		6337	0.29	0.30
HAZEL GREEN	5.29	5.19	102000	99000		5394		5143	1.69	1.76
HUSTISFORD	1.35	2.64	175000	169500		2367		4472	0.75	3.09
JEFFERSON	3.62	3.42	654000	686000		23674		23464	0.64	0.80
JUNEAU	4.66	4.41	233000	161000		10867		7097	2.11	2.15
KAUKAUNA	3.69	3.80	1341000	777000		49438		29564	0.33	0.31
KIEL	4.89	4.10	705000	569000		34451		23333	4.54	4.84
LAFARGE	6.61	6.60	32000	31500		2116		2081	1.76	1.42
LAKE MILLS	5.32	4.76	367000	417000		19525		19846	0.99	0.91
LODI	4.70	4.30	206000	191000		9682		8222	1.61	1.68
MANITOWOC	4.71	3.88	3780000	3801000		177938		147626	1.48	1.43
MARSHFIELD	4.77	3.97	2031000	1923000		96936		76437	0.90	0.97
MAZUMANIE	4.84	4.22	117000	252500		5657		10658	3.16	3.35
MEDFORD	4.78	4.34	346000	338500		16530		14693	1.33	1.29
MENASHA	5.00	4.36	1797000	1729000		89800		75428	1.48	1.60
MERRILLAN	5.23	5.03	63000	53000		3297		2667	2.35	2.28
MOUNT HOREB	4.86	4.77	619000	573000		30069		27316	4.35	4.39
MUSCODA	7.73	5.24	104000	114000		8042		5971	1.12	0.85
NEW GLARUS	4.54	4.24	120000	128000		5445		5429	0.94	0.91
NEW HOLSTEIN	5.64	4.30	246000	260000		13886		11186	0.58	0.58

TABLE 9-A (CONTINUED)

SELECTED INTERDEPARTMENTAL SALES RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH	REVENUE	KWH
NEW LISBON	5.21¢	5.17¢	167000	165000	\$ 8706	\$ 8530	1.63%	1.68%		
NEW LONDON	3.90	4.67	1015000	822000	39600	38418	0.69	0.85		
NEW RICHMOND	3.67	4.67	375000	232500	13755	10868	1.73	1.96		
OCONOMOWOC	5.57	4.93	833000	860000	46358	42421	0.92	0.79		
OCONTO FALLS	5.36	4.91	209000	246000	11202	12070	1.52	1.43		
PARDEEVILLE	4.92	4.59	52500	60000	2585	2752	0.95	0.95		
PLYMOUTH	3.98	3.58	1407000	1224500	55980	43777	2.30	2.78		
PRAIRIE DU SAC	4.76	5.17	159000	149000	7567	7697	1.12	1.31		
PRINCETON	5.17	4.38	69000	76000	3566	3325	0.78	0.78		
REEDSBURG	4.60	4.03	683000	661000	31394	26628	1.03	1.00		
RICE LAKE	4.32	4.08	578000	578000	24974	23566	0.68	0.69		
RIVER FALLS	4.93	4.01	606500	618500	29920	24776	2.20	2.06		
SAUK CITY	6.30	5.58	137000	122000	8625	6803	0.80	0.67		
SHAWANO	4.55	3.76	401000	410000	18259	15437	0.65	0.64		
SHEBOYGAN FALLS	4.78	4.39	286000	205000	13682	9000	0.37	0.34		
SHULLSBURG	6.70	5.75	183000	168000	12268	9652	2.92	2.37		
SLINGER	4.72	4.21	285000	204000	13447	8589	4.63	5.33		
SPOONER	-	4.23	-	126000	-	5334	-	-		
STOUGHTON	4.83	4.52	783000	963000	37793	43494	1.12	1.15		
STRATFORD	5.28	4.06	66000	73000	3482	2965	0.80	0.89		
STURGEON BAY	5.65	4.56	1094500	799000	61818	36469	2.12	2.09		
SUN PRAIRIE	4.33	3.62	1428000	1359000	61869	49128	1.68	1.82		
TREMPEALEAU	4.83	4.69	56000	28000	2706	1313	0.98	0.93		
TWO RIVERS	5.28	4.05	621000	714000	32762	28910	0.93	0.96		
VIOLA	5.57	5.33	50000	57000	2783	3036	1.65	1.37		

TABLE 9-A (CONTINUED)
 SELECTED INTERDEPARTMENTAL SALES RATIOS
 MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
 1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH	REVENUE	KWH
WATERLOO	4.36¢	3.67¢	350000	261333	\$ 15264	\$ 9597	2.95%	3.31%		
WAUNAKEE	3.00	4.77	325000	216000	9755	10314	0.85	1.18		
WAUPUN	4.28	3.62	1056000	1017000	45164	36841	1.84	2.03		
WESTBY	2.84	2.41	437000	434000	12416	10456	2.05	3.19		
WHITEHALL	4.82	4.08	165000	148000	7954	6035	1.24	1.15		
WISCONSIN RPDS	5.58	4.46	1452000	1494000	81075	66562	1.00	0.94		
WONEWOC	1.05	4.46	154000	29000	1617	1292	0.68	3.19		
AVERAGE	4.59¢	4.18¢	445320	400535	\$ 20421	\$ 16758	1.18%	1.22%		

TABLE 10

TOTAL SALES TO ULTIMATE CONSUMERS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
ALGOMA	\$ 1553057	\$ 1186195	30.93%	28387	29113	-2.49%	1780	1772	0.45%
ARCADIA	1051350	1013270	3.76	25961	25492	1.84	1148	1145	0.26
ARGYLE	192286	173348	10.92	4957	4725	4.91	413	403	2.48
BANGOR	1128325	1013488	11.33	25363	24692	2.72	1173	1151	1.91
BARRON	1147796	1025635	11.91	24879	23329	6.64	1357	1330	2.03
BELMONT	212423	198748	6.88	4709	4414	6.68	415	414	0.24
BENTON	207315	165862	24.99	4114	3726	10.41	425	418	1.67
BLACK EARTH	508363	473374	7.39	9718	9231	5.28	821	842	-2.49
BLACK RIVER FLS	1376429	1246183	10.45	34141	34288	-0.43	2176	2167	0.42
BLOOMER	1260443	1090606	15.57	29824	29069	2.60	1539	1441	6.80
BOSCOBEL	1123169	948150	18.46	22035	22208	-0.78	1547	1436	7.73
BRODHEAD	1021525	824102	23.96	20799	19345	7.52	1500	1493	0.47
CADOTT	408246	332032	22.95	8897	8366	5.52	580	577	0.52
CASHTON	216552	208721	3.75	4887	4701	3.96	438	444	-1.35
CEDARBURG	4008565	3462760	15.76	74127	74868	-0.99	4303	4207	2.28
CENTURIA	202034	191724	5.38	4089	3776	8.29	379	383	-1.04
CLINTONVILLE	1923113	1654446	16.24	38318	38099	0.57	3290	2416	36.18
COLUMBUS	1574462	1392461	13.07	31843	31608	0.74	1947	1914	1.72
COMBINED LOCKS	14573	12839	13.51	359	369	-2.71	32	32	0.0
CORNELL	431547	346766	24.45	8971	8825	1.65	751	743	1.08
CUBA CITY	596299	512217	16.42	12160	11440	6.29	997	876	13.81
CUMBERLAND	1039254	958298	8.45	19674	18571	5.94	1103	1098	0.46
DEERFIELD	459704	404439	13.66	8081	8013	0.85	613	611	0.33
EAGLE RIVER	1022199	757732	34.90	19062	18471	3.20	1204	996	20.88
ELKHORN	2596353	1879154	38.17	48467	46601	4.00	2335	2314	0.91

TABLE 10 (CONTINUED)

TOTAL SALES TO ULTIMATE CONSUMERS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
ELROY	\$ 541013	\$ 442799	22.18%	13351	11647	14.63%	781	782	-0.13%
EVANSVILLE	1709880	1581945	8.09	34664	35400	-2.08	2446	2111	15.87
FENNIMORE	856224	800554	6.95	17825	17524	1.72	143	1157	-1.21
FLORENCE	384739	336689	14.27	7327	7151	2.46	753	747	0.80
FOOTVILLE	184120	159076	15.74	3454	3355	2.95	280	280	0.0
GRESHAM	381753	359571	6.17	8688	8375	3.74	839	838	0.12
HARTFORD	2733901	2473136	10.54	54415	53291	2.11	2914	2892	0.76
HAZEL GREEN	319099	272580	17.07	5802	5495	5.59	518	522	-0.77
HUSTISFORD	630048	538935	16.91	11330	10976	3.23	988	1090	-9.36
JEFFERSON	3692264	3271055	12.88	82107	84146	-2.42	3181	3196	-0.47
JUNEAU	1032090	933142	10.60	21632	22182	-2.48	763	792	-3.66
KAUKAUNA	14939506	13175910	13.39	428839	444136	-3.44	8402	8200	2.46
KIEL	1518689	1348976	12.58	29141	28912	0.79	1542	1530	0.78
LAFARGE	240337	230669	4.19	4494	4345	3.43	492	495	-0.61
LAKE MILLS	1970858	1803868	9.26	40238	41910	-3.99	3150	2482	26.91
LODI	600513	522848	14.85	12274	11824	3.81	996	961	3.64
MANITOWOC	12027113	9786296	22.90	265004	264805	0.08	14180	14239	-0.41
MARSHFIELD	10804849	8880083	21.68	210204	208245	0.94	9328	9284	0.47
MAZOMANIE	358224	309005	15.93	6995	6698	4.43	668	612	9.15
MEDFORD	2486550	2257455	10.15	53544	53652	-0.20	2423	2387	1.51
MENASHA	6062464	5389667	12.48	112449	112368	0.07	6352	6358	-0.09
MERRILLAN	140355	131270	6.92	2762	2731	1.14	298	298	0.0
MOUNT HOREB	1381408	1202935	14.84	28189	27281	3.33	1880	1656	13.53
MUSCODA	719815	633943	13.55	12254	11327	8.18	872	853	2.23
NEW GLARUS	582217	503366	15.66	13125	11984	9.52	840	828	1.45

TABLE 10 (CONTINUED)

TOTAL SALES TO ULTIMATE CONSUMERS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
NEW HOLSTEIN	\$ 2401422	\$ 1890451	27.03%	42205	43352	-2.65%	2058	1923	7.02%
NEW LISBON	532717	510934	4.26	9955	10077	-1.21	688	694	-0.86
NEW LONDON	569941	4685580	21.65	119609	117128	2.12	2884	2866	0.63
NEW RICHMOND	1590883	1327390	19.85	38287	35508	7.83	2052	1988	3.22
OCONOMOWOC	5047129	4405652	14.56	105114	106223	-1.04	5278	5212	1.27
OCONTO FALLS	736372	691784	6.45	14616	15226	-4.01	1179	1163	1.38
PARDEEVILLE	541668	439919	23.13	11095	10465	6.02	931	889	4.72
PLYMOUTH	4868055	4267037	14.09	101238	97741	3.58	5083	5024	1.17
PRAIRIE DU SAC	677564	532141	27.33	12159	10765	12.95	1002	966	3.73
PRINCETON	459310	390216	17.71	8895	8732	1.87	880	798	10.28
REEDSBURG	3039358	2716785	11.87	68259	71434	-4.44	2664	2609	2.11
RICE LAKE	3662299	3153024	16.15	83539	77930	7.20	3880	3822	1.52
RICHLAND CENTER	3298660	3231389	2.08	59306	59838	-0.89	2677	2710	-1.22
RIVER FALLS	2716005	2565865	5.85	58329	56456	4.38	3202	3110	2.96
SAUK CITY	1079709	895156	20.62	20360	19814	2.76	1257	1239	1.45
SHAWANO	5608358	4551244	23.23	125588	118801	5.71	4041	4015	0.65
SHEBOYGAN FALLS	3732741	3135007	19.07	84308	82399	2.32	2760	2691	2.56
SHULLSBURG	420205	347069	21.07	7726	7399	4.42	698	680	2.65
SLINGER	581035	479673	21.13	10700	10554	1.38	742	721	2.91
SPOONER	812849	733996	10.74	17490	17133	2.08	1392	1388	0.29
STOUGHTON	3359680	2969467	13.14	67881	67593	0.43	5184	5215	-0.59
STRATFORD	437715	319995	36.79	7442	6905	7.78	618	633	-2.37
STURGEON BAY	5820219	4298334	35.41	104917	96463	8.76	5976	5915	1.03
SUN PRAIRIE	3687042	3153880	16.90	78425	75800	3.46	5072	4937	2.73
TREMPEALEAU	276376	239644	15.33	6049	5634	7.37	677	647	4.64

TABLE 10 (CONTINUED)

TOTAL SALES TO ULTIMATE CONSUMERS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
TWO RIVERS	\$ 3539545	\$ 2827271	25.19%	64454	66585	-3.20%	5591	5589	0.04%
VIOLA	168534	161408	4.41	3653	3561	2.58	390	391	-0.26
WATERLOO	1552111	1236014	25.57	31770	29311	8.39	1235	1233	0.16
WAUNAKEE	1149370	1231064	-6.64	27438	27646	-0.75	1632	1615	1.05
WAUPUN	2456277	2133159	15.15	51975	51598	0.73	3180	3180	0.0
WESTBY	605310	502263	20.52	13707	12996	5.47	867	866	0.12
WHITEHALL	641495	528344	21.42	14346	13480	6.42	832	829	0.36
WISCONSIN DELLS	1369718	1151651	18.94	26944	24478	10.07	1495	1542	-3.05
WISCONSIN RPDS	8120858	6472099	25.47	155057	154401	0.42	10204	10151	0.52
WONEWOC	239218	221288	8.10	4832	4857	-0.51	563	445	26.52
TOTALS	\$172503159	\$147214516	17.18%	3652197	3611383	1.13%	187159	182909	2.32%

TABLE 10-A
SELECTED TOTAL SALES TO ULTIMATE CONSUMERS RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH
	-----	-----	-----	-----	-----	-----	-----	-----
UTILITY								
ALGOMA	5.47¢	4.07¢	15948	16429	\$ 873	\$ 669	94.29%	0.0
ARCADIA	4.05	3.97	22614	22264	916	885	85.62	0.0
ARGYLE	3.88	3.67	12002	11725	466	430	86.88	0.0
BANGOR	4.45	4.10	21622	21453	962	881	91.30	0.0
BARRON	4.61	4.40	18334	17541	846	771	82.06	0.0
BELMONT	4.51	4.50	11347	10662	512	480	91.44	0.0
BENTON	5.04	4.45	9680	8914	488	397	93.23	0.0
BLACK EARTH	5.23	5.13	11837	10963	619	562	81.43	0.0
BLACK RIVER FLS	4.03	3.63	15690	15823	633	575	87.90	0.0
BLOOMER	4.23	3.75	19379	20173	819	757	91.37	0.0
BOSCobel	5.10	4.27	14244	15465	726	660	90.63	0.0
BRODHEAD	4.91	4.26	13866	12957	681	552	88.07	0.0
CADOTT	4.62	3.97	15221	14499	704	575	84.39	0.0
CASHTON	4.43	4.44	11158	10588	494	470	84.73	0.0
CEDARBURG	5.41	4.63	17227	17796	932	823	88.14	0.0
CENTURIA	4.94	5.08	10789	9859	533	501	92.99	0.0
CLINTONVILLE	5.02	4.34	11647	15769	585	685	94.89	0.0
COLUMBUS	4.94	4.41	16355	16514	809	728	90.81	0.0
COMBINED LOCKS	4.06	3.48	11219	11531	455	401	99.92	0.0
CORNELL	4.81	3.93	11945	11878	575	467	89.31	0.0
CUBA CITY	4.90	4.48	12197	13059	598	585	93.63	0.0
CUMBERLAND	5.28	5.16	17837	16913	942	873	64.73	0.0
DEERFIELD	5.69	5.05	13183	13115	750	662	99.66	0.0
EAGLE RIVER	5.36	4.10	15832	18545	849	761	92.77	0.0
ELKHORN	5.36	4.03	20757	20139	1112	812	92.29	0.0

TABLE 10-A (CONTINUED)

SELECTED TOTAL SALES TO ULTIMATE CONSUMERS RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	1982	1981	REVENUE	KWH	REVENUE	%
ELROY	4.05¢	3.80¢	17095	14894	\$ 693	\$ 566			83.75%	0.0		0.0
EVANSVILLE	4.93	4.47	14172	16769	699	749			92.66	0.0		0.0
FENNIMORE	4.80	4.57	15595	15146	749	692			90.60	0.0		0.0
FLORENCE	5.25	4.71	9730	9573	511	451			87.73	0.0		0.0
FOOTVILLE	5.33	4.74	12336	11982	658	568			87.56	0.0		0.0
GRESHAM	4.39	4.29	10355	9994	455	429			81.35	0.0		0.0
HARTFORD	5.02	4.64	18674	18427	938	855			90.31	0.0		0.0
HAZEL GREEN	5.50	4.96	11201	10527	616	522			87.34	0.0		0.0
HUSTISFORD	5.56	4.91	11468	10070	638	494			86.43	0.0		0.0
JEFFERSON	4.50	3.89	25812	26329	1161	1023			94.96	0.0		0.0
JUNEAU	4.77	4.21	28351	28008	1353	1178			89.25	0.0		0.0
KAUKAUNA	3.48	2.97	51040	54163	1778	1607			92.72	0.0		0.0
KIEL	5.21	4.67	18898	18897	985	882			93.14	0.0		0.0
LAFARGE	5.35	5.31	9134	8778	488	466			102.31	0.0		0.0
LAKE MILLS	4.90	4.30	12774	16886	626	727			95.99	0.0		0.0
LODI	4.89	4.42	12323	12304	603	544			93.99	0.0		0.0
MANITOWOC	4.54	3.70	18689	18597	848	687			96.95	0.0		0.0
MARSHFIELD	5.14	4.26	22535	22431	1158	957			90.33	0.0		0.0
MAZOMANIE	5.12	4.61	10472	10944	536	505			93.38	0.0		0.0
MEDFORD	4.64	4.21	22098	22477	1026	946			90.69	0.0		0.0
MENASHA	5.39	4.80	17703	17673	954	848			87.80	0.0		0.0
MERRILLAN	5.08	4.81	9268	9164	471	441			72.44	0.0		0.0
MOUNT HOREB	4.90	4.41	14994	16474	735	726			90.14	0.0		0.0
MUSCODA	5.87	5.60	14053	13279	825	743			86.28	0.0		0.0
NEW GLARUS	4.44	4.20	15625	14473	693	608			96.22	0.0		0.0

TABLE 10-A (CONTINUED)

SELECTED TOTAL SALES TO ULTIMATE CONSUMERS RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH
					\$	\$		
NEW HOLSTEIN	5.69¢	4.36¢	20508	22544	1167	983	94.74%	0.0 %
NEW LISBON	5.35	5.07	14469	14520	774	736	70.45	0.0
NEW LONDON	4.77	4.00	41473	40868	1976	1635	90.46	0.0
NEW RICHMOND	4.16	3.74	18658	17861	775	668	87.66	0.0
OCONOMOWOC	4.80	4.15	19916	20380	956	845	87.88	0.0
OCONTO FALLS	5.04	4.54	12397	13092	625	595	93.95	0.0
PARDEEVILLE	4.88	4.20	11917	11772	582	495	90.63	0.0
PLYMOUTH	4.81	4.37	19917	19455	958	849	90.17	0.0
PRAIRIE DU SAC	5.57	4.94	12135	11144	676	551	85.75	0.0
PRINCETON	5.16	4.47	10108	10942	522	489	98.40	0.0
REEDSBURG	4.45	3.80	25623	27380	1141	1041	93.68	0.0
RICE LAKE	4.38	4.05	21531	20390	944	825	86.13	0.0
RICHLAND CENTER	5.56	5.40	22154	22080	1232	1192	88.12	0.0
RIVER FALLS	4.61	4.54	18404	18153	848	825	79.86	0.0
SAUK CITY	5.30	4.52	16197	15992	859	722	89.05	0.0
SHAWANO	4.47	3.83	31078	29589	1388	1134	91.62	0.0
SHEBOYGAN FALLS	4.43	3.80	30546	30620	1352	1165	89.72	0.0
SHULLSBURG	5.44	4.69	11069	10881	602	510	86.68	0.0
SLINGER	5.43	4.54	14420	14638	783	665	90.32	0.0
SPOONER	4.65	4.28	12565	12344	584	529	92.84	0.0
STOUGHTON	4.95	4.39	13094	12961	648	569	91.99	0.0
STRATFORD	5.88	4.63	12042	10908	708	506	94.86	0.0
STURGEON BAY	5.55	4.46	17556	16308	974	727	88.74	0.0
SUN PRAIRIE	4.70	4.16	15462	15353	727	639	88.74	0.0
TREMPEALEAU	4.57	4.25	8935	8708	408	370	88.19	0.0

TABLE 10-A (CONTINUED)

SELECTED TOTAL SALES TO ULTIMATE CONSUMERS RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH	REVENUE	KWH
TWO RIVERS	5.49¢	4.25¢	11528	11914	\$ 633	\$ 506	93.60%	0.0	93.60%	0.0
VIOLA	4.61	4.53	9367	9107	432	413	89.57	0.0	89.57	0.0
WATERLOO	4.89	4.22	25725	23772	1257	1002	94.89	0.0	94.89	0.0
WAUNAKEE	4.19	4.45	16813	17118	704	762	93.30	0.0	93.30	0.0
WAUPUN	4.73	4.13	16344	16226	772	671	91.55	0.0	91.55	0.0
WESTBY	4.42	3.86	15810	15007	698	580	86.68	0.0	86.68	0.0
WHITEHALL	4.47	3.92	17243	16261	771	637	89.28	0.0	89.28	0.0
WISCONSIN DELLS	5.08	4.70	18023	15874	916	747	90.07	0.0	90.07	0.0
WISCONSIN RPDS	5.24	4.19	15196	15210	796	638	94.05	0.0	94.05	0.0
WONEWOC	4.95	4.56	8583	10915	425	497	91.45	0.0	91.45	0.0
AVERAGE	4.72¢	4.08¢	19514	19744	\$ 922	\$ 805	90.85%	100.00%	90.85%	100.00%

TABLE 11

SALES FOR RESALE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
CUMBERLAND	\$ 3122771/	\$ 327949	1/ -4.78%	0 1/	2001/	-100.00%	1	1	0.0 %
GRESHAM	84	189	-55.56	4	11	-63.64	1	1	0.0
KAUKAUNA	51610	1831543	-97.18	2034	63267	-96.79	2	2	0.0
MENASHA	41954	52720	-20.42	715	970	-26.29	1	1	0.0
NEW LISBON	620601/	9911 1/	526.17	0 1/	0 1/	0.0	1	1	0.0
NEW RICHMOND	3063	0	-	0	0	-	1	0	-
WONEWOC	6518	0	-	0	0	-	0	0	-
TOTALS	\$ 477566	\$ 2222312	-78.51%	2753	64448	-95.73%	7	6	16.67%

1/ The utility receives demand charges from utilities purchasing from Dairyland Power Cooperative in return for its agreement to generate during on-peak periods if requested to do so.

SELECTED SALES FOR RESALE RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982 PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH
CUMBERLAND	- 01/	163.9701/	0	200000	\$ 312277	\$ 327949	0.0 %	0.0 %
GRESHAM	2.10	1.72	4000	11000	84	189	0.0	0.0
KAUKAUNA	2.54	2.89	1017000	31633500	25805	915772	0.0	0.0
MENASHA	5.87	5.44	715000	970000	41954	52720	0.0	0.0
NEW LISBON	- 1/	- 1/	0	0	62060	9911	0.0	0.0
NEW RICHMOND	-	-	0	-	3063	-	0.0	0.0
WONEWOC	-	-	0	-	0	-	0.0	0.0
AVERAGE	17.350	3.450	393286	10741333	\$ 68224	\$ 370385	0.0 %	0.0 %

1/ The utility receives demand charges from utilities purchasing from Dairyland Power Cooperative in return for its agreement to generate during on-peak periods if requested to do so.

TABLE 12

TOTAL SALES OF ELECTRICITY
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
\$	\$								
ALGOMA	1553057	1186195	30.93%	28387	29113	-2.49%	1780	1772	0.45%
ARCADIA	1051350	1013270	3.76	25961	25492	1.84	1148	1145	0.26
ARGYLE	192286	173348	10.92	4957	4725	4.91	413	403	2.48
BANGOR	1128325	1013488	11.33	25363	24692	2.72	1173	1151	1.91
BARRON	1147796	1025635	11.91	24879	23329	6.64	1357	1330	2.03
BELMONT	212423	198748	6.88	4709	4414	6.68	415	414	0.24
BENTON	207315	165862	24.99	4114	3726	10.41	425	418	1.67
BLACK EARTH	508363	473374	7.39	9718	9231	5.28	821	842	-2.49
BLACK RIVER FLS	1376429	1246183	10.45	34141	34288	-0.43	2176	2167	0.42
BLOOMER	1260443	1090606	15.57	29824	29069	2.60	1539	1441	6.80
BOSCOBEL	1123169	948150	18.46	22035	22208	-0.78	1547	1436	7.73
BRODHEAD	1021525	824102	23.96	20799	19345	7.52	1500	1493	0.47
CADOTT	408246	332032	22.95	8897	8366	5.52	580	577	0.52
CASHTON	216552	208721	3.75	4887	4701	3.96	438	444	-1.35
CEDARBURG	4008565	3462760	15.76	74127	74868	-0.99	4303	4207	2.28
CENTURIA	202034	191724	5.38	4089	3776	8.29	379	383	-1.04
CLINTONVILLE	1923113	1654446	16.24	38318	38099	0.57	3290	2416	36.18
COLUMBUS	1574462	1392461	13.07	31843	31608	0.74	1947	1914	1.72
COMBINED LOCKS	14573	12839	13.51	359	369	-2.71	32	32	0.0
CORNELL	431547	346766	24.45	8971	8825	1.65	751	743	1.08
CUBA CITY	596299	512217	16.42	12160	11440	6.29	997	876	13.81
CUMBERLAND	1351531	1286247	5.08	19674	18771	4.81	1104	1099	0.45
DEERFIELD	459704	404439	13.66	8081	8013	0.85	613	611	0.33
EAGLE RIVER	1022199	757732	34.90	19062	18471	3.20	1204	996	20.88
ELKHORN	2596353	1879154	38.17	48467	46601	4.00	2335	2314	0.91

TABLE 12 (CONTINUED)

TOTAL SALES OF ELECTRICITY
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
ELROY	\$ 541013	\$ 442799	22.18%	13351	11647	14.63%	781	782	-0.13%
EVANSVILLE	1709880	1581945	8.09	34664	35400	-2.08	2446	2111	15.87
FENNIMORE	856224	800554	6.95	17825	17524	1.72	1143	1157	-1.21
FLORENCE	384739	336689	14.27	7327	7151	2.46	753	747	0.80
FOOTVILLE	184120	159076	15.74	3454	3355	2.95	280	280	0.0
GRESHAM	381837	359760	6.14	8692	8386	3.65	840	839	0.12
HARTFORD	2733901	2473136	10.54	54415	53291	2.11	2914	2892	0.76
HAZEL GREEN	319099	272580	17.07	5802	5495	5.59	518	522	-0.77
HUSTISFORD	630048	538935	16.91	11330	10976	3.23	988	1090	-9.36
JEFFERSON	3692264	3271055	12.88	82107	84146	-2.42	3181	3196	-0.47
JUNEAU	1032090	933142	10.60	21632	22182	-2.48	763	792	-3.66
KAUKAUNA	14991116	15007453	-0.11	430873	507403	-15.08	8404	8202	2.46
KIEL	1518689	1348976	12.58	29141	28912	0.79	1542	1530	0.78
LAFARGE	240337	230669	4.19	4494	4345	3.43	492	495	-0.61
LAKE MILLS	1970858	1803868	9.26	40238	41910	-3.99	3150	2482	26.91
LODI	600513	522848	14.85	12274	11824	3.81	996	961	3.64
MANITOWOC	12027113	9786296	22.90	265004	264805	0.08	14180	14239	-0.41
MARSHFIELD	10804849	8880083	21.68	210204	208245	0.94	9328	9284	0.47
MAZOMANIE	358224	309005	15.93	6995	6698	4.43	668	612	9.15
MEDFORD	2486550	2257455	10.15	53544	53652	-0.20	2423	2387	1.51
MENASHA	6104418	5442387	12.16	113164	113338	-0.15	6353	6359	-0.09
MERRILLAN	140355	131270	6.92	2762	2731	1.14	298	298	0.0
MOUNT HOREB	1381408	1202935	14.84	28189	27281	3.33	1880	1656	13.53
MUSCODA	719815	633943	13.55	12254	11327	8.18	872	853	2.23
NEW GLARUS	582217	503366	15.66	13125	11984	9.52	840	828	1.45

TABLE 12 (CONTINUED)
TOTAL SALES OF ELECTRICITY
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
NEW HOLSTEIN	\$ 2401422	\$ 1890451	27.03%	42205	43352	-2.65%	2058	1923	7.02%
NEW LISBON	594777	520845	14.19	9955	10077	-1.21	689	695	-0.86
NEW LONDON	5699941	4685580	21.65	119609	117128	2.12	2884	2866	0.63
NEW RICHMOND	1593946	1327390	20.08	38287	35508	7.83	2053	1988	3.27
OCONOMOWOC	5047129	4405652	14.56	105114	106223	-1.04	5278	5212	1.27
OCONTO FALLS	736372	691784	6.45	14616	15226	-4.01	1179	1163	1.38
PARDEEVILLE	541668	439919	23.13	11095	10465	6.02	931	889	4.72
PLYMOUTH	4868055	4267037	14.09	101238	97741	3.58	5083	5024	1.17
PRAIRIE DU SAC	677564	532141	27.33	12159	10765	12.95	1002	966	3.73
PRINCETON	459310	390216	17.71	8895	8732	1.87	880	798	10.28
REEDSBURG	3039358	2716785	11.87	68259	71434	-4.44	2664	2609	2.11
RICE LAKE	3662299	3153024	16.15	83539	77930	7.20	3880	3822	1.52
RICHLAND CENTER	3298660	3231389	2.08	59306	59838	-0.89	2677	2710	-1.22
RIVER FALLS	2716005	2565865	5.85	58929	56456	4.38	3202	3110	2.96
SAUK CITY	1079709	895156	20.62	20360	19814	2.76	1257	1239	1.45
SHAWANO	5608358	4551244	23.23	125588	118801	5.71	4041	4015	0.65
SHEBOYGAN FALLS	3732741	3135007	19.07	84308	82399	2.32	2760	2691	2.56
SHULLSBURG	420205	347069	21.07	7726	7399	4.42	698	680	2.65
SLINGER	581035	479673	21.13	10700	10554	1.38	742	721	2.91
SPOONER	812849	733996	10.74	17490	17133	2.08	1392	1388	0.29
STOUGHTON	3359680	2969467	13.14	67881	67593	0.43	5184	5215	-0.59
STRATFORD	437715	319995	36.79	7442	6905	7.78	618	633	-2.37
STURGEON BAY	5820219	4298334	35.41	104917	96463	8.76	5976	5915	1.03
SUN PRAIRIE	3687042	3153880	16.90	78425	75800	3.46	5072	4937	2.73
TREMPEALEAU	276376	239644	15.33	6049	5634	7.37	677	647	4.64

TABLE 12 (CONTINUED)
TOTAL SALES OF ELECTRICITY
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			KILOWATT HOURS (000)			AVERAGE NUMBER OF CUSTOMERS		
	1982	1981	% CHANGE	1982	1981	% CHANGE	1982	1981	% CHANGE
TWO RIVERS	\$ 3539545	\$ 2827271	25.19%	64454	66585	-3.20%	5591	5589	0.04%
VIOLA	168534	161408	4.41	3653	3561	2.58	390	391	-0.26
WATERLOO	1552111	1236014	25.57	31770	29311	8.39	1235	1233	0.16
WAUNAKEE	1149370	1231064	-6.64	27438	27646	-0.75	1632	1615	1.05
WAUPUN	2456277	2133159	15.15	51975	51598	0.73	3180	3180	0.0
WESTBY	605310	502263	20.52	13707	12996	5.47	867	866	0.12
WHITEHALL	641495	528344	21.42	14346	13480	6.42	832	829	0.36
WISCONSIN DELLS	1369718	1151651	18.94	26944	24478	10.07	1495	1542	-3.05
WISCONSIN RPDS	8120858	6472099	25.47	155057	154401	0.42	10204	10151	0.52
WONEWOC	245736	221288	11.05	4832	4857	-0.51	563	445	26.52
TOTALS	\$ 172980725	\$ 149436828	15.76%	3654950	3675831	-0.57%	187166	182915	2.32%

TABLE 12-A

SELECTED TOTAL SALES OF ELECTRICITY RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	REVENUE	KWH	REVENUE	KWH
ALGOMA	5.47¢	4.07¢	15948	16429	\$ 873	\$ 669	1.60%	0.0	1.60%	0.0
ARCADIA	4.05	3.97	22614	22264	916	885	4.47	0.0	4.47	0.0
ARGYLE	3.88	3.67	12002	11725	466	430	3.07	0.0	3.07	0.0
BANGOR	4.45	4.10	21622	21453	962	881	2.84	0.0	2.84	0.0
BARRON	4.61	4.40	18334	17541	846	771	3.35	0.0	3.35	0.0
BELMONT	4.51	4.50	11347	10662	512	480	1.74	0.0	1.74	0.0
BENTON	5.04	4.45	9680	8914	488	397	1.77	0.0	1.77	0.0
BLACK EARTH	5.23	5.13	11837	10963	619	562	3.55	0.0	3.55	0.0
BLACK RIVER FLS	4.03	3.63	15690	15823	633	575	3.73	0.0	3.73	0.0
BLOOMER	4.23	3.75	19379	20173	819	757	1.64	0.0	1.64	0.0
BOSCOBEL	5.10	4.27	14244	15465	726	660	2.44	0.0	2.44	0.0
BRODHEAD	4.91	4.26	13866	12957	681	552	2.25	0.0	2.25	0.0
CADOTT	4.62	3.97	15221	14499	704	575	1.78	0.0	1.78	0.0
CASHTON	4.43	4.44	11158	10588	494	470	4.49	0.0	4.49	0.0
CEDARBURG	5.41	4.63	17227	17796	932	823	2.34	0.0	2.34	0.0
CENTURIA	4.94	5.08	10789	9859	533	501	1.47	0.0	1.47	0.0
CLINTONVILLE	5.02	4.34	11647	15769	585	685	1.91	0.0	1.91	0.0
COLUMBUS	4.94	4.41	16355	16514	809	728	2.40	0.0	2.40	0.0
COMBINED LOCKS	4.06	3.48	11219	11531	455	401	1.71	0.0	1.71	0.0
CORNELL	4.81	3.93	11945	11878	575	467	2.90	0.0	2.90	0.0
CUBA CITY	4.90	4.48	12197	13059	598	585	2.21	0.0	2.21	0.0
CUMBERLAND	6.87	6.85	17821	17080	1224	1170	6.18	0.0	6.18	0.0
DEERFIELD	5.69	5.05	13183	13115	750	662	3.55	0.0	3.55	0.0
EAGLE RIVER	5.36	4.10	15832	18545	849	761	2.13	0.0	2.13	0.0
ELKHORN	5.36	4.03	20757	20139	1112	812	1.57	0.0	1.57	0.0

TABLE 12-A (CONTINUED)
SELECTED TOTAL SALES OF ELECTRICITY RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	REVENUE	KWH
					\$	\$						
NEW HOLSTEIN	5.69¢	4.36¢	20508	22544	1167	983	1.55%					0.0 %
NEW LISBON	5.97	5.17	14448	14499	863	749	5.98					0.0
NEW LONDON	4.77	4.00	41473	40868	1976	1635	1.28					0.0
NEW RICHMOND	4.16	3.74	18649	17861	776	668	2.06					0.0
OCONOMOWOC	4.80	4.15	19916	20380	956	845	2.48					0.0
OCONTO FALLS	5.04	4.54	12397	13092	625	595	2.47					0.0
PARDEEVILLE	4.88	4.20	11917	11772	582	495	1.82					0.0
PLYMOUTH	4.81	4.37	19917	19455	958	849	2.44					0.0
PRAIRIE DU SAC	5.57	4.94	12135	11144	676	551	2.44					0.0
PRINCETON	5.16	4.47	10108	10942	522	489	2.32					0.0
REEDSBURG	4.45	3.80	25623	27380	1141	1041	1.20					0.0
RICE LAKE	4.38	4.05	21531	20390	944	825	2.64					0.0
RICHLAND CENTER	5.56	5.40	22154	22080	1232	1192	3.33					0.0
RIVER FALLS	4.61	4.54	18404	18153	848	825	4.08					0.0
SAUK CITY	5.30	4.52	16197	15992	859	722	1.67					0.0
SHAWANO	4.47	3.83	31078	29589	1388	1134	1.59					0.0
SHEBOYGAN FALLS	4.43	3.80	30546	30620	1352	1165	1.21					0.0
SHULLSBURG	5.44	4.69	11069	10881	602	510	2.62					0.0
SLINGER	5.43	4.54	14420	14638	783	665	1.32					0.0
SPOONER	4.65	4.28	12565	12344	584	529	1.74					0.0
STOUGHTON	4.95	4.39	13094	12961	648	569	2.42					0.0
STRATFORD	5.88	4.63	12042	10908	708	506	1.54					0.0
STURGEON BAY	5.55	4.46	17556	16308	974	727	2.75					0.0
SUN PRAIRIE	4.70	4.16	15462	15353	727	639	2.29					0.0
TREMPEALEAU	4.57	4.25	8935	8708	408	370	2.03					0.0

TABLE 12-A (CONTINUED)

SELECTED TOTAL SALES OF ELECTRICITY RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE PER KILOWATT HOUR		KILOWATT HOURS PER CUSTOMER		REVENUE PER CUSTOMER		1982		PERCENT OF TOTAL SALES TO ULTIMATE CONSUMERS	
	1982	1981	1982	1981	1982	1981	1982	1981	REVENUE	KWH
TWO RIVERS	5.49¢	4.25¢	11528	11914	\$ 633	\$ 506			2.17%	0.0 %
VIOLA	4.61	4.53	9367	9107	432	413			4.55	0.0
WATERLOO	4.89	4.22	25725	23772	1257	1002			1.23	0.0
WAUNAKEE	4.19	4.45	16813	17118	704	762			2.46	0.0
WAUPUN	4.73	4.13	16344	16226	772	671			1.68	0.0
WESTBY	4.42	3.86	15810	15007	698	580			2.07	0.0
WHITEHALL	4.47	3.92	17243	16261	771	637			2.57	0.0
WISCONSIN DELLS	5.08	4.70	18023	15874	916	747			2.15	0.0
WISCONSIN RPDS	5.24	4.19	15196	15210	796	638			3.09	0.0
WONEWOC	5.09	4.56	8583	10915	436	497			1.15	0.0
AVERAGE	4.73¢	4.07¢	19527	20096	\$ 924	\$ 817			2.50%	0.0 %

TABLE 13

OTHER OPERATING REVENUES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE		
	1982	1981	% CHANGE
ALGOMA	\$ 14386	\$ 11539	24.67%
ARCADIA	9944	10280	-3.27
ARGYLE	508	371	36.93
BANGOR	8976	4571	96.37
BARRON	5448	4770	14.21
BELMONT	1072	305	251.48
BENTON	981	1069	-8.23
BLACK EARTH	4321	2578	67.61
BLACK RIVER FLS	4892	5338	-8.36
BLOOMER	1370	925	48.11
BOSCOBEL	6562	6223	5.45
BRODHEAD	4142	3473	19.26
CADOTT	9027	744	1113.31
CASHTON	559	617	-9.40
CEDARBURG	29648	22599	31.19
CENTURIA	1067	820	30.12
CLINTONVILLE	13660	5830	134.31
COLUMBUS	11729	13671	-14.21
COMBINED LOCKS	71	59	20.34
CORNELL	8457	13546	-37.57
CUBA CITY	1562	979	59.55
CUMBERLAND	31424	18831	66.87
DEERFIELD	2621	3888	-32.59
EAGLE RIVER	4515	3135	44.02
ELKHORN	19585	10440	87.60

TABLE 13 (CONTINUED)
OTHER OPERATING REVENUES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE		
	1982	1981	% CHANGE
ELROY	\$ 4280	\$ 2517	70.04%
EVANSVILLE	11307	10627	6.40
FENNIMORE	5771	3932	46.77
FLORENCE	5398	9628	-43.93
FOOTVILLE	236	203	16.26
GRESHAM	107	164	-34.76
HARTFORD	13516	12812	5.49
HAZEL GREEN	2779	603	360.86
HUSTISFORD	3413	5242	-34.89
JEFFERSON	17271	19041	-9.30
JUNEAU	4769	4688	1.73
KAUKAUNA	54500	92870	-41.32
KIEL	4346	1143	280.23
LAFARGE	2478	2865	-13.51
LAKE MILLS	24621	20486	20.18
LODI	3868	2632	46.96
MANITOWOC	1483342	1365371	8.64
MARSHFIELD	43699	40667	7.46
MAZOMANIE	3688	1350	173.19
MEDFORD	7125	5837	22.07
MENASHA	26011	22970	13.24
MERRILLAN	550	850	-35.29
MOUNT HOREB	4553	4437	2.61
MUSCODA	3443	4161	-17.26
NEW GLARUS	2079	1576	31.92

TABLE 13 (CONTINUED)

OTHER OPERATING REVENUES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE			% CHANGE
	1982	1981		
NEW HOLSTEIN	\$ 4744	\$ 3459		37.15%
NEW LISBON	2275	1117		103.67
NEW LONDON	18229	16459		10.75
NEW RICHMOND	2421	2740		-11.64
OCONOMOWOC	37824	31571		19.81
OCONTO FALLS	2389	3147		-24.09
PARDEEVILLE	3991	2373		68.18
PLYMOUTH	5334	4461		19.57
PRAIRIE DU SAC	5166	3524		46.59
PRINCETON	1265	1788		-29.25
REEDSBURG	34565	18346		88.41
RICE LAKE	33514	29843		12.30
RICHLAND CENTER	29000	29164		-0.56
RIVER FALLS	17231	18114		-4.87
SAUK CITY	18265	12606		44.89
SHAWANO	17771	14840		19.75
SHEBOYGAN FALLS	9281	8280		12.09
SHULLSBURG	2696	1568		71.94
SLINGER	2460	2864		-14.11
SPOONER	5234	5944		-11.94
STOUGHTON	30445	26470		15.02
STRATFORD	2188	2382		-8.14
STURGEON BAY	83719	82028		2.06
SUN PRAIRIE	41462	35282		17.52
TREMPEALEAU	6619	449		1374.16

TABLE 13 (CONTINUED)
OTHER OPERATING REVENUES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE		
	1982	1981	% CHANGE
TWO RIVERS			
VIOLA	\$ 22211	\$ 21120	5.17%
WATERLOO	1102	882	24.94
WAUNAKEE	7755	4674	65.92
WAUPUN	6075	4800	26.56
	17657	15632	12.95
WESTBY	2365	2577	-8.23
WHITEHALL	2594	3981	-34.84
WISCONSIN DELLS	7828	8011	-2.28
WISCONSIN RPDS	30564	25251	21.04
WONEWOC	2426	132	1737.88
TOTAL	\$ 2448342	\$ 2229152	9.83%

TABLE 14

TOTAL OPERATING REVENUES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE		
	1982	1981	% CHANGE
ALGOMA	\$ 1567443	\$ 1197734	30.87%
ARCADIA	1061294	1023550	3.69
ARGYLE	192794	173719	10.98
BANGOR	1137301	1018059	11.71
BARRON	1153244	1030405	11.92
BELMONT	213495	199053	7.26
BENTON	208296	166931	24.78
BLACK EARTH	512684	475952	7.72
BLACK RIVER FLS	1381321	1251521	10.37
BLOOMER	1261813	1091531	15.60
BOSCOBEL	1129731	954373	18.37
BRODHEAD	1025667	827575	23.94
CADOTT	417273	332776	25.39
CASHTON	217111	209338	3.71
CEDARBURG	4038213	3485359	15.86
CENTURIA	203101	192544	5.48
CLINTONVILLE	1936773	1660276	16.65
COLUMBUS	1586191	1406132	12.81
COMBINED LOCKS	14644	12898	13.54
CORNELL	440004	360312	22.12
CUBA CITY	597861	513196	16.50
CUMBERLAND	1382955	1305078	5.97
DEERFIELD	462325	408327	13.22
EAGLE RIVER	1026714	760867	34.94
ELKHORN	2615938	1889594	38.44

TABLE 14 (CONTINUED)

TOTAL OPERATING REVENUES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE		
	1982	1981	% CHANGE
ELROY	\$ 545293	\$ 445316	22.45%
EVANSVILLE	1721187	1592572	8.08
FENNIMORE	861995	804486	7.15
FLORENCE	390137	346317	12.65
FOOTVILLE	184356	159279	15.74
GRESHAM	381944	359924	6.12
HARTFORD	2747417	2485948	10.52
HAZEL GREEN	321878	273183	17.83
HUSTISFORD	633461	544177	16.41
JEFFERSON	3709535	3290096	12.75
JUNEAU	1036859	937830	10.56
KAUKAUNA	15045616	15100323	-0.36
KIEL	1523035	1350119	12.81
LAFARGE	242815	233534	3.97
LAKE MILLS	1995479	1824354	9.38
LODI	604381	525480	15.02
MANITOWOC	13510455	11151667	21.15
MARSHFIELD	10848548	8920750	21.61
MAZOMANIE	361912	310355	16.61
MEDFORD	2493675	2263292	10.18
MENASHA	6130429	5465357	12.17
MERRILLAN	140905	132120	6.65
MOUNT HOREB	1385961	1207372	14.79
MUSCODA	723258	638104	13.34
NEW GLARUS	584296	504942	15.72

TABLE 14 (CONTINUED)

TOTAL OPERATING REVENUES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE		
	1982	1981	% CHANGE
NEW HOLSTEIN	\$ 2406166	\$ 1893910	27.05%
NEW LISBON	597052	521962	14.39
NEW LONDON	5718170	4702039	21.61
NEW RICHMOND	1596367	1330130	20.02
OCONOMOWOC	5084953	4437223	14.60
OCONTO FALLS	738761	694931	6.31
PARDEEVILLE	545659	442292	23.37
PLYMOUTH	4873389	4271498	14.09
PRAIRIE DU SAC	682730	535665	27.45
PRINCETON	460575	392004	17.49
REEDSBURG	3073923	2735131	12.39
RICE LAKE	3695813	3182867	16.12
RICHLAND CENTER	3327660	3260553	2.06
RIVER FALLS	2733236	2583979	5.78
SAUK CITY	1097974	907762	20.95
SHAWANO	5626129	4566084	23.22
SHEBOYGAN FALLS	3742022	3143287	19.05
SHULLSBURG	422901	348637	21.30
SLINGER	583495	482537	20.92
SPOONER	818083	739940	10.56
STOUGHTON	3390125	2995937	13.16
STRATFORD	439903	322377	36.46
STURGEON BAY	5903938	4380362	34.78
SUN PRAIRIE	3728504	3189162	16.91
TREMPEALEAU	282995	240093	17.87

TABLE 14 (CONTINUED)

TOTAL OPERATING REVENUES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	REVENUE		% CHANGE
	1982	1981	
TWO RIVERS		\$ 2848391	25.04%
VIOLA	\$ 3561756	162290	4.53
WATERLOO	169636	1240688	25.73
WAUNAKEE	159866	1235864	-6.51
WAUPUN	1155445	2148791	15.13
	2473934		
WESTBY		504840	20.37
WHITEHALL	607675	532325	21.00
WISCONSIN DELLS	644089	1159662	18.79
WISCONSIN RPDS	1377546	6497350	25.46
WONEWOC	8151422	221420	12.08
	248162		
TOTAL	\$175429067	\$151665980	15.67%

TABLE 15

POWER PRODUCTION EXPENSES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	POWER GENERATION EXPENSE		PURCHASED POWER EXPENSE 1/		TOTAL POWER PRODUCTION EXPENSE	
	1982	1981	1982	1981	1982	1981
	\$	\$	\$	\$	\$	% CHANGE
ALGOMA		0	\$ 1351553	960342	\$ 1351553	40.74%
ARCADIA	67748	60971	700903	666356	768651	5.68
ARGYLE	9936	6550	134753	125668	132218	9.43
BANGOR	0	0	863206	762064	863206	13.27
BARRON	15747	16317	753916	646274	769663	16.16
BELMONT	0	0	165099	159909	165099	3.25
BENTON	0	0	167678	137200	167678	22.21
BLACK EARTH	0	0	324491	316791	324491	2.43
BLACK RIVER FLS	118634	110205	908619	763871	1027253	17.52
BLOOMER	0	0	1012898	873274	1012898	15.99
BOSCOBEL	0	0	889782	755770	889782	17.73
BRODHEAD	0	0	798975	673783	798975	18.58
CADOTT	0	0	305074	258284	305074	18.12
CASHTON	16369	12211	138725	134040	155094	6.05
CEDARBURG	10382	183628	3202905	2582969	3213287	16.15
CENTURIA	0	0	170801	155986	170801	9.50
CLINTONVILLE	0	0	1654823	1436409	1654823	15.21
COLUMBUS	0	0	1276291	1098709	1276291	16.16
COMBINED LOCKS	240	240	12001	10821	12241	10.67
CORNELL	0	0	313286	265697	313286	17.91
CUBA CITY	0	0	482258	409778	482258	17.69
CUMBERLAND	100857	85566	563898	534272	664755	7.25
DERFIELD	0	0	372521	305447	372521	21.96
EAGLE RIVER	0	0	808399	607243	808399	33.13
ELKHORN	0	60	2100965	1575555	2100965	33.34

TABLE 15 (CONTINUED)

POWER PRODUCTION EXPENSES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	POWER GENERATION EXPENSE		PURCHASED POWER EXPENSE 1/		TOTAL POWER PRODUCTION EXPENSE		
	1982	1981	1982	1981	1982	1981	% CHANGE
ELROY	\$ 15981	\$ 10117	\$ 395354	\$ 320575	\$ 411335	\$ 330692	24.39%
EVANSVILLE	0	0	1392654	1276022	1392654	1276022	9.14
FENNIMORE	29754	16948	662167	632189	691921	649137	6.59
FLORENCE	0	0	283090	268612	283090	268612	5.39
FOOTVILLE	0	0	138954	117915	138954	117915	17.84
GRESHAM	16123	12043	198707	192214	214830	204257	5.18
HARTFORD	0	0	2242369	2029627	2242369	2029627	10.48
HAZEL GREEN	0	0	245253	205980	245253	205980	19.07
HUSTISFORD	0	0	456772	382666	456772	382666	19.37
JEFFERSON	0	0	3260339	2937304	3260339	2937304	11.00
JUNEAU	0	0	795090	713668	795090	713668	11.41
KAUKAUNA	399249	586429	12591049	12637068	12990298	13223497	-1.76
KIEL	0	0	1265447	1106711	1265447	1106711	14.34
LAFARGE	1450	1820	194957	186946	196407	188766	4.05
LAKE MILLS	0	0	1730937	1563063	1730937	1563063	10.74
LODI	0	0	480553	406010	480553	406010	18.36
MANITOWOC	5017414	4164324	6999963	5141057	12017377	9305381	29.14
MARSHFIELD	3668657	3459068	5248942	3716476	8917599	7175544	24.28
MAZOMANIE	0	0	291645	251768	291645	251768	15.84
MEDFORD	0	0	2037892	1913170	2037892	1913170	6.52
MENASHA	2012041	1884017	2672245	2277458	4684286	4161475	12.56
MERRILLAN	6771	6778	75487	69051	82258	75829	8.48
MOUNT HOREB	0	0	1104369	918956	1104369	918956	20.18
MUSCODA	159	26	530423	460605	530582	460631	15.19
NEW GLARUS	0	0	517681	428061	517681	428061	20.94

TABLE 15 (CONTINUED)

POWER PRODUCTION EXPENSES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	POWER GENERATION EXPENSE		PURCHASED POWER EXPENSE 1/		TOTAL POWER PRODUCTION EXPENSE		
	1982	1981	1982	1981	1982	1981	% CHANGE
NEW HOLSTEIN	\$ 0	\$ 0	\$ 2079768	\$ 1530875	\$ 2079768	\$ 1530875	35.85%
NEW LISBON	72445	60355	275639	262173	348084	322528	7.92
NEW LONDON	0	0	4875157	3973417	4875157	3973417	22.69
NEW RICHMOND	0	0	1229759	1066153	1229759	1066153	15.35
OCONOMOWOC	0	0	4032413	3602772	4032413	3602772	11.93
OCONTO FALLS	0	0	591332	521340	591332	521340	13.43
PARDEEVILLE	2511	3512	432786	358878	435297	362390	20.12
PLYMOUTH	0	0	3916265	3323919	3916265	3323919	17.82
PRAIRIE DU SAC	0	0	503067	394732	503067	394732	27.45
PRINCETON	0	0	359965	304813	359965	304813	18.09
REEDSBURG	0	0	2693524	2365684	2693524	2365684	13.86
RICE LAKE	0	0	2857118	2468561	2857118	2468561	15.74
RICHLAND CENTER	1268752	1198511	1396776	1384015	2665528	2582526	3.21
RIVER FALLS	235199	196405	1615449	1500609	1850648	1697014	9.05
SAUK CITY	0	0	866237	718307	866237	718307	20.59
SHAWANO	0	0	4789385	3947798	4789385	3947798	21.32
SHEBOYGAN FALLS	0	0	3175667	2708105	3175667	2708105	17.27
SHULLSBURG	0	0	318322	267939	318322	267939	18.80
SLINGER	0	0	461764	354779	461764	354779	30.16
SPOONER	0	0	607681	512081	607681	512081	18.67
STOUGHTON	0	0	2701422	2304112	2701422	2304112	17.24
STRATFORD	0	0	377501	259158	377501	259158	45.66
STURGEON BAY	0	0	4679933	3144461	4679933	3144461	48.83
SUN PRAIRIE	0	0	3002193	2589740	3002193	2589740	15.93
TREMPEALEAU	0	0	218913	180003	218913	180003	21.62

TABLE 15 (CONTINUED)

POWER PRODUCTION EXPENSES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	POWER GENERATION EXPENSE		PURCHASED POWER EXPENSE 1/		TOTAL POWER PRODUCTION EXPENSE		
	1982	1981	1982	1981	1982	1981	% CHANGE
TWO RIVERS	\$ 0	\$ 0	\$ 2960200	\$ 2141438	\$ 2960200	\$ 2141438	38.23%
VIOLA	6588	10898	104824	99241	111412	110139	1.16
WATERLOO	0	0	1371851	1081245	1371851	1081245	26.88
WAUNAKEE	0	0	938981	1003387	938981	1003387	-6.42
WAUPUN	0	0	2074041	1767570	2074041	1767570	17.34
WESTBY	0	0	440242	389013	440242	389013	13.17
WHITEHALL	0	0	475957	405648	475957	405648	17.33
WISCONSIN DELLS	0	0	1034286	896678	1034286	896678	15.35
WISCONSIN RPDS	0	0	6719437	5017933	6719437	5017933	33.91
WONEWOC	0	0	219038	200048	219038	200048	9.49
TOTAL	\$ 13093007	\$ 12086999	\$ 129683052	\$ 109416309	\$ 142776059	\$ 121503308	17.51%

1/ INCLUDES OTHER PRODUCTION EXPENSE.

TABLE 15-A
SELECTED POWER PRODUCTION EXPENSE RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982

UTILITY	POWER GENERATION EXPENSE PER NET KWH GENERATED	PURCHASED POWER EXPENSE PER KWH PURCHASED	PRODUCTION EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATION AND MAINTENANCE EXPENSE	PERCENT OF TOTAL OPERATING EXPENSE
ALGOMA	-	4.67¢	4.76¢	91.45%	88.03%
ARCADIA	18.07	2.66	2.96	84.59	73.93
ARGYLE	4.40	2.68	2.92	86.38	77.44
BANGOR	-	3.13	3.40	83.14	77.33
BARRON	3.13	2.92	3.09	81.33	71.52
BELMONT	-	3.29	3.51	84.57	79.18
BENTON	-	3.86	4.08	86.35	81.91
BLACK EARTH	-	3.14	3.34	77.72	70.60
BLACK RIVER FLS	2.25	2.93	3.01	84.60	76.72
BLOOMER	-	3.25	3.40	87.85	83.97
BOSCOBEL	-	3.87	4.04	86.91	81.61
BRODHEAD	-	3.62	3.84	88.45	83.54
CADOTT	-	3.29	3.46	86.64	81.04
CASHTON	37.20	2.67	3.17	84.31	72.58
CEDARBURG	-	4.12	4.33	90.28	84.71
CENTURIA	-	3.90	4.18	90.44	86.27
CLINTONVILLE	-	4.07	4.32	90.04	86.09
COLUMBUS	-	3.63	4.01	88.61	83.29
COMBINED LOCKS	-	3.19	3.41	83.66	80.00
CORNELL	-	3.32	3.49	79.72	73.71
CUBA CITY	-	3.70	3.97	86.15	79.57
CUMBERLAND	42.56	2.60	3.38	74.25	57.51
DEERFIELD	-	4.18	4.61	80.85	74.43
EAGLE RIVER	-	3.97	4.24	84.87	80.56
ELKHORN	-	4.06	4.33	87.03	82.61

TABLE 15-A (CONTINUED)
 SELECTED POWER PRODUCTION EXPENSE RATIOS
 MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
 1982

UTILITY	POWER GENERATION EXPENSE PER NET KWH GENERATED	PURCHASED POWER EXPENSE PER KWH PURCHASED	PRODUCTION EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATION AND MAINTENANCE EXPENSE	PERCENT OF TOTAL OPERATING EXPENSE
ELROY	99.88¢	2.81¢	3.08¢	90.07%	79.84%
EVANSVILLE	-	3.80	4.02	87.33	83.07
FENNIMORE	26.57	3.49	3.88	88.60	81.50
FLORENCE	-	3.56	3.86	82.71	75.62
FOOTVILLE	-	3.91	4.02	86.08	80.08
GRESHAM	0.45	3.28	2.47	69.14	56.82
HARTFORD	-	3.89	4.12	90.37	86.00
HAZEL GREEN	-	3.97	4.23	87.24	80.07
HUSTISFORD	-	3.66	4.03	83.43	74.40
JEFFERSON	-	3.91	3.97	92.56	89.68
JUNEAU	-	3.55	3.68	85.92	79.66
KAUKAUNA	0.38	3.68	3.01	93.12	86.98
KIEL	-	3.92	4.34	89.20	84.06
LAFARGE	-	4.23	4.37	79.06	72.94
LAKE MILLS	-	4.07	4.30	90.36	85.44
LODI	-	3.70	3.92	84.60	79.20
MANITOWOC	8.00	3.25	4.53	91.75	85.72
MARSHFIELD	5.76	3.31	4.24	91.01	84.25
MAZOMANIE	-	4.04	4.17	86.30	79.76
MEDFORD	-	3.62	3.81	90.12	85.35
MENASHA	4.77	3.54	4.14	87.03	76.67
MERRILLAN	1.97	2.87	2.98	80.59	68.70
MOUNT HOREB	-	3.61	3.92	88.40	80.90
MUSCODA	-	3.79	4.33	85.03	77.58
NEW GLARUS	-	3.76	3.94	92.08	88.24

TABLE 15-A (CONTINUED)
SELECTED POWER PRODUCTION EXPENSE RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982

UTILITY	POWER GENERATION EXPENSE PER NET KWH GENERATED	PURCHASED POWER EXPENSE PER KWH PURCHASED	PRODUCTION EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATION AND MAINTENANCE EXPENSE	PERCENT OF TOTAL OPERATING EXPENSE
NEW HOLSTEIN	- ¢	4.68¢	4.93¢	91.24%	86.81%
NEW LISBON	12.64	2.72	3.50	82.75	67.64
NEW LONDON	-	3.96	4.08	94.25	91.53
NEW RICHMOND	-	31.01	3.21	87.88	82.94
OCONOMOWOC	-	3.72	3.84	90.23	84.49
OCONTO FALLS	-	3.75	4.05	85.20	79.84
PARDEEVILLE	2.41	3.65	3.92	88.02	83.29
PLYMOUTH	-	3.58	3.87	89.12	82.92
PRAIRIE DU SAC	-	3.81	4.14	85.93	79.34
PRINCETON	-	3.67	4.05	79.43	74.36
REEDSBURG	-	3.74	3.95	93.54	90.53
RICE LAKE	-	3.24	3.42	89.75	82.89
RICHLAND CENTER	5.12	3.76	4.49	90.90	82.86
RIVER FALLS	10.92	2.69	3.14	84.79	73.90
SAUK CITY	-	3.80	4.25	88.59	84.08
SHAWANO	-	3.71	3.81	92.92	88.93
SHEBOYGAN FALLS	-	3.59	3.77	94.59	90.70
SHULLSBURG	-	3.82	4.12	86.84	80.89
SLINGER	-	3.92	4.32	87.62	83.31
SPOONER	-	3.19	3.47	80.01	76.43
STOUGHTON	-	3.62	3.98	86.62	81.08
STRAITFORD	-	4.75	5.07	90.46	86.56
STURGEON BAY	-	4.29	4.46	89.33	81.44
SUN PRAIRIE	-	3.63	3.83	90.74	84.73
TREMPEALEAU	-	3.24	3.62	87.71	82.00

TABLE 15-A (CONTINUED)

SELECTED POWER PRODUCTION EXPENSE RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982

UTILITY	POWER GENERATION EXPENSE PER NET KWH GENERATED	PURCHASED POWER EXPENSE PER KWH PURCHASED	PRODUCTION EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATION AND MAINTENANCE EXPENSE	PERCENT OF TOTAL OPERATING EXPENSE
TWO RIVERS	- ¢	4.28¢	4.59¢	88.79%	83.88%
VIOLA	26.35	2.67	3.05	73.32	63.74
WATERLOO	-	4.11	4.32	92.69	89.94
WAUNAKEE	-	3.21	3.42	87.10	80.63
WAUPUN	-	3.77	3.99	91.57	87.26
WESTBY	-	3.02	3.21	83.58	78.06
WHITEHALL	-	3.17	3.32	82.76	77.14
WISCONSIN DELLS	-	3.52	3.84	83.36	77.56
WISCONSIN RPDs	-	4.14	4.33	87.65	81.78
WONEWOC	-	3.88	4.53	96.51	92.21
AVERAGE	4.19¢	3.70¢	3.91¢	89.58%	83.56%

TABLE 16

TRANSMISSION AND DISTRIBUTION EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	TRANSMISSION AND DISTRIBUTION EXPENSE		
	1982	1981	% CHANGE
ALGOMA	\$ 36150	\$ 37657	-4.00%
ARCADIA	32014	30561	4.75
ARGYLE	14015	15743	-10.98
BANGOR	72381	63560	13.88
BARRON	38983	39809	-2.07
BELMONT	13808	12632	9.31
BENTON	16535	17605	-6.08
BLACK EARTH	39411	47764	-17.49
BLACK RIVER FLS	54298	55746	-2.60
BLOOMER	63265	56256	12.46
BOSCOBEL	27109	26091	3.90
BRODHEAD	40195	30792	30.54
CADOTT	13173	15606	-15.59
CASHTON	11842	9481	24.90
CEDARBURG	150498	135718	10.89
CENTURIA	2682	4705	-43.00
CLINTONVILLE	81261	57938	40.26
COLUMBUS	42423	37264	13.84
COMBINED LOCKS	314	113	177.88
CORNELL	19095	25159	-24.10
CUBA CITY	28953	29515	-1.90
CUMBERLAND	51160	59314	-13.75
DEERFIELD	36026	19179	87.84
EAGLE RIVER	32928	23441	40.47
ELKHORN	126288	89694	40.80

TABLE 16 (CONTINUED)

TRANSMISSION AND DISTRIBUTION EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	TRANSMISSION AND DISTRIBUTION EXPENSE		
	1982	1981	% CHANGE
ELROY	\$ 11728	\$ 15287	-23.28%
EVANSVILLE	112242	87233	28.67
FENNIMORE	25545	18874	35.34
FLORENCE	19727	15207	29.72
FOOTVILLE	16303	10836	50.45
GRESHAM	40143	49532	-18.96
HARTFORD	97949	56751	72.59
HAZEL GREEN	8498	10737	-20.85
HUSTISFORD	23626	19841	19.08
JEFFERSON	114563	99072	15.64
JUNEAU	56920	56099	1.46
KAUKAUNA	374397	393766	-4.92
KIEL	63319	49516	27.88
LAFARGE	29866	18338	62.86
LAKE MILLS	72751	64149	13.41
LODI	39135	27928	40.13
MANITOWOC	406690	378887	7.34
MARSHFIELD	220651	242656	-9.07
MAZOMANIE	25893	19484	32.89
MEDFORD	68511	75998	-9.85
MENASHA	196368	258919	-24.16
MERRILLAN	5276	5168	2.09
MOUNT HOREB	43237	37671	14.78
MUSCODA	38102	36031	5.75
NEW GLARUS	14496	11532	25.70

TABLE 16 (CONTINUED)

TRANSMISSION AND DISTRIBUTION EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	TRANSMISSION AND DISTRIBUTION EXPENSE		
	1982	1981	% CHANGE
NEW HOLSTEIN	\$ 67432	\$ 54225	24.36%
NEW LISBON	23965	34601	-30.74
NEW LONDON	147095	129227	13.83
NEW RICHMOND	48859	45165	8.18
OCONOMOWOC	171628	152447	12.58
OCONTO FALLS	36932	25547	44.56
PARDEEVILLE	13929	18806	-25.93
PLYMOUTH	249271	205549	21.27
PRAIRIE DU SAC	47177	43756	7.82
PRINCETON	46827	22196	110.97
REEDSBURG	67130	54949	22.17
RICE LAKE	68603	89158	-23.05
RICHLAND CENTER	90647	73328	23.62
RIVER FALLS	162080	129408	25.25
SAUK CITY	38343	39607	-3.19
SHAWANO	152929	205815	-25.70
SHEBOYGAN FALLS	75348	84801	-11.15
SHULLSBURG	11197	3340	235.24
SLINGER	18534	34346	-46.04
SPOONER	44635	39728	12.35
STOUGHTON	158907	134308	18.32
STRATFORD	20149	21037	-4.22
STURGEON BAY	241066	188991	27.55
SUN PRAIRIE	109575	84150	30.21
TREMPEALEAU	15105	18729	-19.35

TABLE 16 (CONTINUED)

TRANSMISSION AND DISTRIBUTION EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	TRANSMISSION AND DISTRIBUTION EXPENSE		
	1982	1981	% CHANGE
TWO RIVERS	\$ 173168	\$ 128953	34.29%
VIOLA	11470	8777	30.68
WATERLOO	28579	27125	5.36
WAUNAKEE	46643	42814	8.94
WAUPUN	79981	86490	-7.53
WESTBY	32795	27082	21.10
WHITEHALL	38211	36878	3.61
WISCONSIN DELLS	98131	45860	113.98
WISCONSIN RPDS	40787	310079	31.54
WONEWOC	3626	4839	-25.07
TOTAL	\$ 6218597	\$ 5652966	10.01%

TABLE 16-A
SELECTED TRANSMISSION AND DISTRIBUTION EXPENSE RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982

UTILITY	MILES OF TRANSMISSION AND DISTRIBUTION LINE	AVERAGE NUMBER OF CUSTOMERS PER MILE OF LINE	EXPENSE PER MILE OF LINE	EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATION AND MAINTENANCE EXPENSE	PERCENT OF TOTAL OPERATING EXPENSE
ALGOMA	19.2	92.6	\$ 1881	0.13¢	2.45%	2.35%
ARCADIA	26.7	42.9	1197	0.12	3.52	3.08
ARGYLE	75.1	5.5	187	0.28	8.37	7.50
BANGOR	194.3	6.0	372	0.29	6.97	6.48
BARRON	15.5	87.5	2513	0.16	4.12	3.62
BELMONT	15.8	26.3	876	0.29	7.07	6.62
BENTON	7.5	56.7	2205	0.40	8.52	8.08
BLACK EARTH	79.7	10.3	494	0.41	9.44	8.57
BLACK RIVER FLS	54.2	40.2	1002	0.16	4.47	4.06
BLOOMER	31.7	48.6	1996	0.21	5.49	5.24
BOSCOBEL	20.1	77.0	1350	0.12	2.65	2.49
BRODHEAD	27.0	55.6	1489	0.19	4.45	4.20
CADOTT	21.0	27.6	526	0.15	3.74	3.50
CASHTON	13.0	33.6	908	0.24	6.44	5.54
CEDARBURG	38.4	112.1	3921	0.20	4.23	3.97
CENTURIA	42.2	9.0	64	0.07	1.42	1.35
CLINTONVILLE	55.3	59.5	1471	0.21	4.42	4.23
COLUMBUS	30.5	63.8	1391	0.13	2.95	2.77
COMBINED LOCKS	0.8	41.0	403	0.09	2.15	2.05
CORNELL	20.6	36.5	929	0.21	4.86	4.49
CUBA CITY	12.7	78.6	2283	0.24	5.17	4.78
CUMBERLAND	17.9	61.6	2855	0.26	5.71	4.43
DEERFIELD	11.7	52.4	3079	0.45	7.82	7.20
EAGLE RIVER	23.4	51.5	1407	0.17	3.46	3.28
ELKHORN	48.9	47.8	2583	0.26	5.23	4.97

TABLE 16-A (CONTINUED)

SELECTED TRANSMISSION AND DISTRIBUTION EXPENSE RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982

UTILITY	MILES OF TRANSMISSION AND DISTRIBUTION LINE	AVERAGE NUMBER OF CUSTOMERS PER MILE OF LINE	EXPENSE PER MILE OF LINE	EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATION AND MAINTENANCE EXPENSE	PERCENT OF TOTAL OPERATING EXPENSE
ELROY	23.0	34.0	\$ 510	0.09¢	2.57%	2.28%
EVANSVILLE	126.8	19.3	885	0.32	7.04	6.69
FENNIMORE	26.2	43.7	976	0.14	3.27	3.01
FLORENCE	59.1	12.7	334	0.27	5.76	5.27
FOOTVILLE	4.0	70.0	4076	0.47	10.10	9.40
GRESHAM	37.5	22.4	1070	0.46	12.92	10.62
HARTFORD	178.8	16.3	548	0.18	3.95	3.76
HAZEL GREEN	14.3	36.2	593	0.15	3.02	2.77
HUSTISFORD	59.2	16.7	399	0.21	4.32	3.85
JEFFERSON	50.0	63.7	2293	0.14	3.25	3.15
JUNEAU	13.6	56.1	4185	0.26	6.15	5.70
KAUKAUNA	35.8	234.6	10449	0.09	2.68	2.51
KIEL	15.6	99.2	4072	0.22	4.46	4.21
LAFARGE	22.9	21.5	1304	0.66	12.02	11.09
LAKE MILLS	83.0	38.0	877	0.18	3.80	3.59
LODI	22.7	43.9	1724	0.32	6.89	6.45
MANITOWOC	189.7	74.7	2144	0.15	3.10	2.90
MARSHFIELD	495.1	18.8	446	0.10	2.25	2.08
MAZOMANIE	20.4	32.7	1269	0.37	7.66	7.08
MEDFORD	110.2	22.0	622	0.13	3.03	2.87
MENASHA	70.5	90.1	2785	0.17	3.65	3.21
MERRILLAN	10.1	29.4	520	0.19	5.17	4.41
MOUNT HOREB	71.3	26.4	607	0.15	3.46	3.17
MUSCODA	29.0	30.1	1314	0.31	6.11	5.57
NEW GLARUS	16.4	51.1	882	0.11	2.58	2.47

TABLE 16-A (CONTINUED)
SELECTED TRANSMISSION AND DISTRIBUTION EXPENSE RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982

UTILITY	MILES OF TRANSMISSION AND DISTRIBUTION LINE	AVERAGE NUMBER OF CUSTOMERS PER MILE OF LINE	EXPENSE PER MILE OF LINE	EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATION AND MAINTENANCE EXPENSE	PERCENT OF TOTAL OPERATING EXPENSE
NEW HOLSTEIN	124.6	16.5	\$ 541	0.16¢	2.96%	2.81%
NEW LISBON	13.8	49.9	1737	0.24	5.70	4.66
NEW LONDON	50.0	57.7	2942	0.12	2.84	2.76
NEW RICHMOND	29.3	70.2	1670	0.13	3.49	3.30
OCONOMOWOC	192.0	27.5	894	0.16	3.84	3.60
OCONTO FALLS	16.1	73.5	2301	0.25	5.32	4.99
PARDEEVILLE	19.0	49.0	733	0.13	2.82	2.67
PLYMOUTH	305.9	16.6	815	0.25	5.67	5.28
PRAIRIE DU SAC	18.4	54.3	2557	0.39	8.06	7.44
PRINCETON	13.5	65.0	3461	0.53	10.33	9.67
REEDSBURG	36.0	74.0	1865	0.10	2.33	2.26
RICE LAKE	79.0	49.1	868	0.08	2.16	1.99
RICHLAND CENTER	35.0	76.5	2590	0.15	3.09	2.82
RIVER FALLS	96.9	33.0	1673	0.28	7.43	6.47
SAUK CITY	31.4	40.1	1222	0.19	3.92	3.72
SHAWANO	131.1	30.8	1167	0.12	2.97	2.84
SHEBOYGAN FALLS	49.9	55.3	1509	0.09	2.24	2.15
SHULLSBURG	21.1	33.1	531	0.14	3.05	2.85
SLINGER	12.4	59.8	1495	0.17	3.52	3.34
SPOONER	14.8	94.3	3024	0.26	5.88	5.61
STOUGHTON	150.1	34.5	1058	0.23	5.10	4.77
STRATFORD	56.7	10.9	355	0.27	4.83	4.62
STURGEON BAY	236.8	25.2	1018	0.23	4.60	4.20
SUN PRAIRIE	79.1	64.1	1385	0.14	3.31	3.09
TREMPEALEAU	19.1	35.4	791	0.25	6.05	5.66

TABLE 16-A (CONTINUED)

SELECTED TRANSMISSION AND DISTRIBUTION EXPENSE RATIOS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982

UTILITY	MILES OF TRANSMISSION AND DISTRIBUTION LINE	AVERAGE NUMBER OF CUSTOMERS PER MILE OF LINE	EXPENSE PER MILE OF LINE	EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATION AND MAINTENANCE EXPENSE	PERCENT OF TOTAL OPERATING EXPENSE
TWO RIVERS	63.6	87.9	\$ 2723	0.27¢	5.19%	4.91%
VIOLA	6.1	64.5	1896	0.31	7.55	6.56
WATERLOO	23.7	52.1	1206	0.09	1.93	1.87
WAUNAKEE	38.8	42.1	1203	0.17	4.33	4.01
WAUPUN	48.7	65.2	1641	0.15	3.53	3.37
WESTBY	14.0	61.9	2341	0.24	6.23	5.81
WHITEHALL	23.6	35.3	1620	0.27	6.64	6.19
WISCONSIN DELLS	31.1	48.1	3154	0.36	7.91	7.36
WISCONSIN RPDS	219.8	46.4	1856	0.26	5.32	4.96
WONEWOC	8.7	64.7	417	0.08	1.60	1.53
TOTAL AND AVERAGES	4998.4	37.4	\$ 1244	0.15¢	3.90%	3.64%

TABLE 17

CUSTOMER ACCOUNTS EXPENSE
CLASS A, B AND C MUNICIPAL UTILITIES IN WISCONSIN 1
1982 - 1981

UTILITY	CUSTOMER ACCOUNTS EXPENSE			1982			1981			% CHANGE			1982			PERCENT OF OPERATION AND MAINTENANCE EXPENSE			PERCENT OF TOTAL OPERATING EXPENSE		
	\$		\$	1982		\$	1981		\$				1982			EXPENSE PER CUSTOMER	EXPENSE PER KWH SOLD		1982		
ALGOMA																					
ARCADIA																					
BANGOR																					
BARRON																					
BLACK EARTH																					
BLACK RIVER FLS																					
BLOOMER																					
BOSCOBEL																					
BRODHEAD																					
CEDARBURG																					
CLINTONVILLE																					
COLUMBUS																					
CORNELL																					
CUBA CITY																					
CUMBERLAND																					
DEERFIELD																					
EAGLE RIVER																					
ELKHORN																					
ELROY																					
EVANSVILLE																					
FENNIMORE																					
FLORENCE																					
GRESHAM																					
HARTFORD																					
HAZEL GREEN																					

CUSTOMER ACCOUNTS EXPENSE
CLASS A, B AND C MUNICIPAL UTILITIES IN WISCONSIN 1/
1982 - 1981

UTILITY	CUSTOMER ACCOUNTS EXPENSE			EXPENSE PER CUSTOMER	EXPENSE PER KWH SOLD	PERCENT OF OPERATION AND MAINTENANCE EXPENSE	PERCENT OF TOTAL OPERATING EXPENSE
	1982	1981	% CHANGE				
\$	77813	\$ 72195	7.78%	\$ 20.05	0.09¢	2.44%	2.26%
PRICE LAKE	42359	26207	61.63	15.82	0.07	1.44	1.32
RICHLAND CENTER	40795	34195	19.30	12.74	0.07	1.87	1.63
RIVER FALLS	12953	14148	-8.45	10.30	0.06	1.32	1.26
SAUK CITY	42472	42286	0.44	10.51	0.03	0.82	0.79
SHAWANO							
SHEBOYGAN FALLS	36012	31669	13.71	13.05	0.04	1.07	1.03
SHULLSBURG	9561	15395	-37.90	13.70	0.12	2.61	2.43
SLINGER	19847	19091	3.96	26.75	0.19	3.77	3.58
SPOONER	30997	24748	25.25	22.27	0.18	4.08	3.90
STOUGHTON	110423	84604	30.52	21.30	0.16	3.54	3.31
STURGEON BAY	63210	74211	-14.82	10.58	0.06	1.21	1.10
SUN PRAIRIE	77688	78447	-0.97	15.32	0.10	2.35	2.19
TWO RIVERS	61364	56889	7.87	10.98	0.10	1.84	1.74
WATERLOO	27343	27789	-1.60	22.14	0.09	1.85	1.79
WAUNAKEE	28582	28848	-0.92	17.51	0.10	2.65	2.45
WAUPUN	44045	29728	48.16	13.85	0.08	1.94	1.85
WESTBY	15865	14393	10.23	18.30	0.12	3.01	2.81
WHITEHALL	22111	22629	-2.29	26.58	0.15	3.84	3.58
WISCONSIN DELLS	48824	37008	31.93	32.66	0.18	3.93	3.66
WISCONSIN RPDs	202393	172306	17.46	19.83	0.13	2.64	2.46
WONEWOC	182	0	-	0.32	0.00	0.08	0.08
TOTALS AND AVERAGES	\$ 2845581	\$ 2516673	13.07%	\$ 15.20	0.08¢	1.79%	1.67%

TOTALS AND AVERAGES	\$ 2845581	\$ 2516673	13.07%	\$ 15.20	0.08%	1.79%	1.67%
1/ CUSTOMER ACCOUNTS EXPENSES FOR CLASS D UTILITIES ARE NOT REPORTED SEPARATELY, BUT ARE INCLUDED WITH ADMINISTRATIVE AND GENERAL EXPENSES. SEE TABLE 18.							

TABLE 18

ADMINISTRATIVE AND GENERAL EXPENSE 1/
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

1982

UTILITY	ADMINISTRATIVE AND GENERAL EXPENSE 1/				EXPENSE PER DOLLAR OF REVENUE	EXPENSE PER KWH SOLD	PERCENT OF OPERATION AND MAINTENANCE EXPENSE	PERCENT OF TOTAL OPERATING EXPENSE
	1982	1981	% CHANGE					
	\$	\$			3.85¢	0.21¢	4.08%	3.93%
ALGOMA	60304	66281	-9.02%		8.02	0.33	9.37	8.19
ARCADIA	85104	96114	-11.46		4.56	0.18	5.25	4.71
ARGYLE	8794	8880	-0.97		6.35	0.28	6.95	6.47
BANGOR	72179	60362	19.58		9.96	0.46	12.14	10.68
BARRON	114916	108638	5.78		7.64	0.35	8.35	7.82
BELMONT	16305	16756	-2.69		4.79	0.24	5.14	4.87
BENTON	9972	10321	-3.38		8.08	0.43	9.92	9.01
BLACK EARTH	41426	34343	20.62		6.49	0.26	7.38	6.69
BLACK RIVER FLS	89617	96592	-7.22		3.96	0.17	4.33	4.14
BLOOMER	49955	65503	-23.74		7.63	0.39	8.42	7.91
BOSCOBEL	86209	94965	-9.22		4.19	0.21	4.76	4.49
BRODHEAD	42978	44102	-2.55		8.12	0.38	9.62	9.00
CADOTT	33880	30069	12.67		7.84	0.35	9.25	7.96
CASHTON	17014	16106	5.64		3.55	0.19	4.03	3.78
CEDARBURG	143400	151100	-5.10		7.57	0.38	8.14	7.77
CENTURIA	15382	15203	1.18		3.24	0.16	3.41	3.26
CLINTONVILLE	62667	54027	15.99		5.78	0.29	6.36	5.98
COLUMBUS	91665	99382	-7.76		14.18	0.58	14.19	13.57
COMBINED LOCKS	2077	2386	-12.95		11.19	0.55	12.53	11.59
CORNELL	49249	48309	1.95		6.05	0.30	6.47	5.97
CUBA CITY	36200	40813	-11.30		9.73	0.68	15.03	11.64
CUMBERLAND	134526	140529	-4.27		8.98	0.51	9.01	8.30
DEERFIELD	41535	26247	58.25		6.41	0.35	6.91	6.56
EAGLE RIVER	65829	29333	124.42		5.14	0.28	5.57	5.29
ELKHORN	134578	108739	23.76					

TABLE 18 (CONTINUED)

ADMINISTRATIVE AND GENERAL EXPENSE 1/
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

1982

UTILITY	ADMINISTRATIVE AND GENERAL EXPENSE 1/ % CHANGE			EXPENSE PER DOLLAR OF REVENUE	EXPENSE PER KWH SOLD	PERCENT OF OPERATION AND MAINTENANCE EXPENSE	PERCENT OF TOTAL OPERATING EXPENSE
	1982	1981					
ELROY	\$ 16663	\$ 31080	-46.39%	3.06¢	0.12¢	3.65%	3.23%
EVANSVILLE	54988	42776	28.55	3.19	0.16	3.45	3.28
FENNIMORE	39982	56570	-29.32	4.64	0.22	5.12	4.71
FLORENCE	25067	27693	-9.48	6.43	0.34	7.32	6.70
FOOTVILLE	6161	9267	-33.52	3.34	0.18	3.82	3.55
GRESHAM	31334	44224	-29.15	8.20	0.36	10.09	8.29
HARTFORD	69221	95263	-27.34	2.52	0.13	2.79	2.65
HAZEL GREEN	19509	25185	-22.54	6.06	0.34	6.94	6.37
HUSTISFORD	50455	45813	10.13	7.96	0.45	9.22	8.22
JEFFERSON	106054	107690	-1.52	2.86	0.13	3.01	2.92
JUNEAU	64670	55537	16.44	6.24	0.30	6.99	6.48
KAUKAUNA	486415	566778	-14.18	3.23	0.11	3.49	3.26
KIEL	69366	72292	-4.05	4.55	0.24	4.89	4.61
LAFARGE	22145	20431	8.39	9.12	0.49	8.91	8.22
LAKE MILLS	89421	99925	-10.51	4.48	0.22	4.67	4.41
LODI	41172	36567	12.59	6.81	0.34	7.25	6.79
MANITOWOC	506390	492731	2.77	3.75	0.19	3.87	3.61
MARSHFIELD	456718	434177	5.19	4.21	0.22	4.66	4.31
MAZOMANIE	20418	16622	22.84	5.64	0.29	6.04	5.58
MEDFORD	102073	119915	-14.88	4.09	0.19	4.51	4.27
MENASHA	405641	422795	-4.06	6.62	0.36	7.54	6.64
MERRILLAN	14532	13430	8.21	10.31	0.53	14.24	12.14
MOUNT HOREB	74057	64439	14.93	5.34	0.26	5.93	5.43
MUSCODA	42372	40829	3.78	5.86	0.35	6.79	6.20
NEW GLARUS	13352	16672	-19.91	2.29	0.10	2.37	2.28

TABLE 18 (CONTINUED)

ADMINISTRATIVE AND GENERAL EXPENSE 1/
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	1982				1981				1982			
	ADMINISTRATIVE AND GENERAL EXPENSE 1/				% CHANGE				EXPENSE PER			
	1982	1981			1982	1981			DOLLAR OF	EXPENSE PER	PERCENT OF	PERCENT OF
									REVENUE	KWH SOLD	OPERATION AND	TOTAL
											MAINTENANCE	OPERATING
											EXPENSE	EXPENSE
TWO RIVERS	\$ 139027	\$ 144765			-3.96%				3.90¢	0.22¢	4.17%	3.94%
VIOLA	29064	25272			15.00				17.13	0.80	19.13	16.63
WATERLOO	52343	52859			-0.98				3.36	0.16	3.54	3.43
WAUNAKEE	63847	72618			-12.08				5.53	0.23	5.92	5.48
WAUPUN	66794	89099			-25.03				2.70	0.13	2.95	2.81
WESTBY	37840	33393			13.32				6.23	0.28	7.18	6.71
WHITEHALL	38795	50908			-23.79				6.02	0.27	6.75	6.29
WISCONSIN DELLS	59536	59119			0.71				4.32	0.22	4.80	4.46
WISCONSIN RPDS	336848	308738			9.10				4.13	0.22	4.39	4.10
WONEWOC	4103	4093			0.24				1.65	0.08	1.81	1.73
TOTALS AND AVERAGES	\$ 7535668	\$ 7602873			-0.88%				4.30¢	0.21¢	4.73%	4.41%

1/INCLUDES SALES EXPENSE. ALSO INCLUDES CUSTOMER ACCOUNTS EXPENSE FOR CLASS D UTILITIES WHICH ARE NOT SHOWN IN TABLE 17

TOTAL OPERATION AND MAINTENANCE EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	TOTAL OPERATION AND MAINTENANCE EXPENSE			1982		
	1982	1981	% CHANGE	EXPENSE PER DOLLAR OF REVENUE	EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATING EXPENSE
ALGOMA	\$ 1477986	\$ 1034590	35.03%	94.29¢	5.21¢	96.26%
ARCADIA	908718	864995	5.05	85.62	3.50	87.40
ARGYLE	167498	156841	6.79	86.88	3.38	89.65
BANGOR	1038317	905534	14.66	91.30	4.09	93.01
BARRON	946345	833644	13.52	82.06	3.80	87.94
BELMONT	195212	189297	3.12	91.44	4.15	93.63
BENTON	194185	165126	17.60	93.23	4.72	94.86
BLACK EARTH	417487	417487	1.64	81.43	4.30	90.83
BLACK RIVER	1214217	1063006	14.22	87.90	3.56	90.68
BLOMER	1152938	1021825	12.83	91.37	3.87	95.58
BOSCOBEL	1023849	890184	15.02	90.63	4.65	93.91
BRODHEAD	903290	771861	17.03	88.07	4.34	94.45
CADOTT	352127	303959	15.85	84.39	3.99	93.54
CASHTON	183950	171838	7.05	84.73	3.76	86.09
CEDARBURG	3559138	3099075	14.85	88.14	4.80	93.82
CENTURIA	188865	175894	7.37	92.99	4.62	95.40
CLINTONVILLE	1837779	1610867	14.09	94.89	4.80	95.61
COLUMBUS	1440388	1272613	13.18	90.81	4.52	94.00
COMBINED LOCKS	14632	13560	7.91	99.92	4.08	95.63
CORNELL	392971	344762	13.98	89.31	4.38	92.46
CUBA CITY	559782	490973	14.01	93.63	4.60	92.36
CUMBERLAND	895238	858366	4.30	64.73	4.55	77.44
DEERFIELD	460752	360926	27.66	99.66	5.70	92.06
EAGLE RIVER	952511	699984	36.08	92.77	5.00	94.92
ELKHORN	2414189	1822479	32.47	92.29	4.98	94.93

TABLE 19 (CONTINUED)

TOTAL OPERATION AND MAINTENANCE EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	TOTAL OPERATION AND MAINTENANCE EXPENSE		1982			1981			1982		1981			1982		1981		
	\$	%	\$	%	% CHANGE	\$	%	% CHANGE	EXPENSE PER DOLLAR OF REVENUE	EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATING EXPENSE	\$	%	\$	%	\$	%	% CHANGE
ELROY	456673		398347	14.64%		398347			83.75¢	3.42¢	88.64%							
EVANSVILLE	1594790		1438717	10.85		1438717			92.66	4.60	95.12							
FENNIMORE	780943		741806	5.28		741806			90.60	4.38	91.99							
FLORENCE	342264		311512	9.87		311512			87.73	4.67	91.42							
FOOTVILLE	161418		138018	16.95		138018			87.56	4.67	93.03							
GRESHAM	310697		298013	4.26		298013			81.35	3.57	82.18							
HARTFORD	2481329		2227811	11.38		2227811			90.31	4.56	95.16							
HAZEL GREEN	281140		241902	16.22		241902			87.34	4.85	91.79							
HUSTISFORD	547490		463761	18.05		463761			86.43	4.83	89.18							
JEFFERSON	3522575		3173546	11.00		3173546			94.96	4.29	96.90							
JUNEAU	925368		832650	11.14		832650			89.25	4.28	92.71							
KAUKAUNA	13950086		14283373	-2.33		14283373			92.72	3.24	93.40							
KIEL	1418585		1248385	13.63		1248385			93.14	4.87	94.23							
LAFARGE	248418		227535	9.18		227535			102.31	5.53	92.25							
LAKE MILLS	1915532		1744585	9.80		1744585			95.99	4.76	94.55							
LODI	568037		475761	19.40		475761			93.99	4.63	93.62							
MANITOWOC	13098303		10330513	26.79		10330513			96.95	4.94	93.43							
MARSHFIELD	9798962		8003738	22.43		8003738			90.33	4.66	92.57							
MAZOMANIE	337956		287874	17.40		287874			93.38	4.83	92.43							
MEDFORD	2261424		2155842	4.90		2155842			90.69	4.22	94.71							
MENASHA	5382683		4924205	9.31		4924205			87.80	4.76	88.11							
MERRILLAN	102066		94427	8.09		94427			72.44	3.70	85.25							
MOUNT HOREB	1249316		1046412	19.39		1046412			90.14	4.43	91.52							
MUSCODA	624023		548554	13.76		548554			86.28	5.09	91.24							
NEW GLARUS	562209		470224	19.56		470224			96.22	4.28	95.83							

TABLE 19 (CONTINUED)
TOTAL OPERATION AND MAINTENANCE EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	TOTAL OPERATION AND MAINTENANCE EXPENSE			1982		
	\$	1982	% CHANGE	EXPENSE PER DOLLAR OF REVENUE	EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATING EXPENSE
NEW HOLSTEIN	\$	2279560	33.13%	94.74¢	5.40¢	95.15%
NEW LISBON		420634	4.49	70.45	4.23	81.74
NEW LONDON		5172573	21.36	90.46	4.32	97.12
NEW RICHMOND		1399382	13.96	87.66	3.65	94.37
OCONOMOWOC		4468841	10.54	87.88	4.25	93.63
OCONTO FALLS		694079	12.88	93.95	4.75	93.72
PARDEVILLE		494525	17.58	90.63	4.46	94.62
PLYMOUTH		4394435	17.06	90.17	4.34	93.04
PRAIRIE DU SAC		585425	20.94	85.75	4.81	92.33
PRINCETON		453193	19.57	98.40	5.09	93.62
REEDSBURG		2879502	14.05	93.68	4.22	96.78
RICE LAKE		3183287	13.05	86.13	3.81	92.36
RICHLAND CENTER		2932319	3.22	88.12	4.94	91.16
RIVER FALLS		2182656	9.74	79.86	3.70	87.15
SAUK CITY		977773	17.41	89.05	4.80	94.91
SHAWANO		5154488	18.00	91.62	4.10	95.71
SHEBOYGAN FALLS		3357290	15.66	89.72	3.98	95.89
SHULLSBURG		366572	16.02	86.68	4.74	93.15
SLINGER		527033	18.26	90.32	4.93	95.08
SPOONER		759540	20.13	92.84	4.34	95.53
STOUGHTON		3118627	18.08	91.99	4.59	93.60
STRATFORD		417307	42.04	94.86	5.61	95.68
STURGEON BAY		5239096	45.37	88.74	4.99	91.17
SUN PRAIRIE		3308699	14.42	88.74	4.22	93.38
TREMPEALEAU		249576	16.59	88.19	4.13	93.48

TABLE 19 (CONTINUED)

TOTAL OPERATION AND MAINTENANCE EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	TOTAL OPERATION AND MAINTENANCE EXPENSE		1982		
	1982	1981	% CHANGE	EXPENSE PER DOLLAR OF REVENUE	EXPENSE PER KWH SOLD
					PERCENT OF TOTAL OPERATING EXPENSE
TWO RIVERS	\$ 3333759	\$ 2472045	34.86%	93.60¢	5.17¢
VIOLA	151946	144188	5.38	89.57	4.16
WATERLOO	1480116	1189018	24.48	94.89	4.66
WAUNAKEE	1078053	1147667	-6.07	93.30	3.93
WAUPUN	2264861	1972887	14.80	91.55	4.36
WESTBY	526742	463881	13.55	86.68	3.84
WHITEHALL	575074	516063	11.43	89.28	4.01
WISCONSIN DELLS	1240777	1038665	19.46	90.07	4.61
WISCONSIN RPDS	7666565	5809056	31.98	94.05	4.94
WONEWOC	226949	208980	8.60	91.45	4.70
TOTALS AND AVERAGES	\$159375905	\$137275820	16.10%	90.85¢	4.36¢
					93.28%

TABLE 20 (CONTINUED)

DEPRECIATION AND AMORTIZATION EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	DEPRECIATION AND AMORTIZATION EXPENSE			1982			1981			1982		
	\$	1982	% CHANGE	\$	1981	% CHANGE	\$	1981	% CHANGE	EXPENSE PER DOLLAR OF PLANT	EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATING EXPENSE
ELROY	41738		5.62%	39516			4.08¢			0.31¢		8.10%
EVANSVILLE	50375		6.04	47505			3.23			0.15		3.00
FENNIMORE	45975		7.89	42611			4.53			0.26		5.42
FLORENCE	22617		9.54	20648			3.61			0.31		6.04
FOOTVILLE	8523		22.40	6963			4.01			0.25		4.91
GRESHAM	42873		1.27	42334			3.15			0.49		11.34
HARTFORD	66930		23.26	54300			3.07			0.12		2.57
HAZEL GREEN	13687		52.50	8975			4.15			0.24		4.47
HUSTISFORD	43631		7.31	40659			4.06			0.39		7.11
JEFFERSON	67151		9.15	61524			3.21			0.08		1.85
JUNEAU	45712		1.57	45007			3.77			0.21		4.58
KAUKAUNA	608471		4.31	583353			3.44			0.14		4.07
KIEL	55168		3.89	53100			4.17			0.19		3.66
LAFARGE	13513		1.95	13254			4.33			0.30		5.02
LAKE MILLS	72348		1.91	70989			3.95			0.18		3.57
LODI	25246		17.68	21453			3.97			0.21		4.16
MANITOWOC	554798		1.94	544244			2.95			0.21		3.96
MARSHFIELD	464120		10.87	418633			3.01			0.22		4.38
MAZOMANIE	18407		1.00	18224			3.73			0.26		5.03
MEDFORD	78210		9.69	71300			2.96			0.15		3.28
MENASHA	426146		10.59	385345			3.48			0.38		6.98
MERRILLAN	11918		1.72	11717			3.36			0.43		9.95
MOUNT HOREB	80043		11.01	72102			3.86			0.28		5.86
MUSCODA	36588		3.15	35469			3.68			0.30		5.35
NEW GLARUS	15183		4.45	14536			3.44			0.12		2.59

TABLE 20 (CONTINUED)

DEPRECIATION AND AMORTIZATION EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	DEPRECIATION AND AMORTIZATION EXPENSE			1982			1982		
	1982	1981	% CHANGE	EXPENSE PER DOLLAR OF PLANT	EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATING EXPENSE	1982	EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATING EXPENSE
NEW HOLSTEIN	\$ 78915	\$ 68377	15.41%	3.99¢	0.19¢	3.29%			
NEW LISBON	58270	51140	13.94	3.68	0.59	11.32			
NEW LONDON	80233	75057	6.90	2.24	0.07	1.51			
NEW RICHMOND	50539	48574	4.05	3.55	0.13	3.41			
OCONOMOWOC	177766	170516	4.25	2.83	0.17	3.72			
OCONTO FALLS	28306	27451	3.11	3.76	0.19	3.82			
PARDEEVILLE	18200	16392	11.03	3.59	0.16	3.48			
PLYMOUTH	20961	195001	7.67	3.33	0.21	4.45			
PRAIRIE DU SAC	31966	30379	5.22	3.88	0.26	5.04			
PRINCETON	20229	16705	21.10	4.19	0.23	4.18			
REEDSBURG	58922	55715	5.76	2.77	0.09	1.98			
RICE LAKE	165747	158308	4.70	3.47	0.20	4.81			
RICHLAND CENTER	173666	170928	1.60	3.15	0.29	5.40			
RIVER FALLS	210231	193498	8.65	3.83	0.36	8.39			
SAUK CITY	34149	31769	7.49	3.86	0.17	3.31			
SHAWANO	141708	137323	3.19	3.07	0.11	2.63			
SHEBOYGAN FALLS	98548	97988	0.57	3.71	0.12	2.81			
SHULLSBURG	15882	15974	-0.58	3.03	0.21	4.04			
SLINGER	19573	17597	11.23	3.20	0.18	3.53			
SPOONER	21357	20166	5.91	3.94	0.12	2.69			
STOUGHTON	131388	120322	9.20	3.05	0.19	3.94			
STRATFORD	12052	12287	-1.91	3.57	0.16	2.76			
STURGEON BAY	345214	352721	-2.13	4.29	0.33	6.01			
SUN PRAIRIE	149025	142551	4.54	3.43	0.19	4.21			
TREMPEALEAU	11666	11329	2.97	3.55	0.19	4.37			

TABLE 20 (CONTINUED)

DEPRECIATION AND AMORTIZATION EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	DEPRECIATION AND AMORTIZATION EXPENSE			1982		
	1982	1981	% CHANGE	EXPENSE PER DOLLAR OF PLANT	EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATING EXPENSE
TWO RIVERS	\$ 117961	\$ 113995	3.48%	3.09¢	0.18¢	3.34%
VIOLA	15122	14123	7.07	4.34	0.41	8.65
WATERLOO	25925	25646	1.09	2.98	0.08	1.70
WAUNAKEE	58039	51367	12.99	3.75	0.21	4.98
WAUPUN	70317	81796	-14.03	3.17	0.14	2.96
WESTBY	24682	23244	6.19	4.35	0.18	4.38
WHITEHALL	25407	22377	13.54	4.22	0.18	4.12
WISCONSIN DELLS	63107	55407	13.90	3.62	0.23	4.73
WISCONSIN RPDs	298118	278026	7.23	3.16	0.19	3.63
WONEWOC	7747	7521	3.00	3.86	0.16	3.26
TOTALS AND AVERAGES	\$ 7093175	\$ 6717371	5.59%	3.37¢	0.19¢	4.15%

TABLE 21

TAXES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	TAXES		1982			
	1982	1981	% CHANGE	EXPENSE PER DOLLAR OF REVENUE	EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATING EXPENSE
	\$	\$				
ALGOMA	25070	28026	-10.55%	1.60¢	0.09¢	1.63%
ARCADIA	47428	50257	-5.63	4.47	0.18	4.56
ARGYLE	5927	6370	-6.95	3.07	0.12	3.17
BANGOR	32309	28126	14.87	2.84	0.13	2.89
BARRON	38577	44611	-13.53	3.35	0.16	3.58
BELMONT	3714	3904	-4.87	1.74	0.08	1.78
BENTON	3682	3179	15.82	1.77	0.09	1.80
BLACK EARTH	18176	18824	-3.44	3.55	0.19	3.95
BLACK RIVER FLS	51538	55482	-7.11	3.73	0.15	3.85
BLOOMER	20737	18933	9.53	1.64	0.07	1.72
BOSCOBEL	27552	26057	5.74	2.44	0.13	2.53
BRODHEAD	23035	20168	14.22	2.25	0.11	2.41
CADOTT	7440	7951	-6.43	1.78	0.08	1.98
CASHTON	9747	10676	-8.70	4.49	0.20	4.56
CEDARBURG	94545	109958	-14.02	2.34	0.13	2.49
CENTURIA	2993	2885	3.74	1.47	0.07	1.51
CLINTONVILLE	37076	33052	12.17	1.91	0.10	1.93
COLUMBUS	38010	36677	3.63	2.40	0.12	2.48
COMBINED LOCKS	250	265	-5.66	1.71	0.07	1.63
CORNELL	12739	11091	14.86	2.90	0.14	3.00
CUBA CITY	13240	15681	-15.57	2.21	0.11	2.18
CUMBERLAND	85398	90497	-5.63	6.18	0.43	7.39
DEERFIELD	16410	13513	21.44	3.55	0.20	3.28
EAGLE RIVER	21873	17765	23.12	2.13	0.11	2.18
ELKHORN	41018	46175	-11.17	1.57	0.08	1.61

TABLE 21 (CONTINUED)

TAXES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	TAXES		1982			% CHANGE	1982			1982		
	\$	\$	1982	1981	\$		1982	1981	\$	EXPENSE PER DOLLAR OF REVENUE	EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATING EXPENSE
ELROY	16780			18400		-8.80%				3.08¢	0.13¢	3.26%
EVANSVILLE	31409			29467		6.59				1.82	0.09	1.87
FENNIMORE	22044			23063		-4.42				2.56	0.12	2.60
FLORENCE	9485			7544		25.73				2.43	0.13	2.53
FOOTVILLE	3570			3703		-3.59				1.94	0.10	2.06
GRESHAM	24510			25557		-4.10				6.42	0.28	6.48
HARTFORD	59243			51114		15.90				2.16	0.11	2.27
HAZEL GREEN	11453			4559		151.22				3.56	0.20	3.74
HUSTISFORD	22787			20610		10.56				3.60	0.20	3.71
JEFFERSON	45613			43761		4.23				1.23	0.06	1.25
JUNEAU	27045			28063		-3.63				2.61	0.13	2.71
KAUKAUNA	376534			360399		4.48				2.50	0.09	2.52
KIEL	31638			30940		2.26				2.08	0.11	2.10
LAFARGE	7357			7213		2.00				3.03	0.16	2.73
LAKE MILLS	37979			33925		11.95				1.90	0.09	1.87
LODI	13441			12416		8.26				2.22	0.11	2.22
MANITOWOC	365729			356762		2.51				2.71	0.14	2.61
MARSHFIELD	321910			328981		-2.15				2.97	0.15	3.04
MAZOMANIE	9284			10176		-8.77				2.57	0.13	2.54
MEDFORD	48078			43227		11.22				1.93	0.09	2.01
MENASHA	300509			267038		12.53				4.90	0.27	4.92
MERRILLAN	5748			6089		-5.60				4.08	0.21	4.80
MOUNT HOREB	35666			33634		6.04				2.57	0.13	2.61
MUSCODA	23337			19788		17.94				3.23	0.19	3.41
NEW GLARUS	9270			9729		-4.72				1.59	0.07	1.58

TABLE 21 (CONTINUED)

TAXES
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	TAXES		1982			
	1982	1981	% CHANGE	EXPENSE PER DOLLAR OF REVENUE	EXPENSE PER KWH SOLD	PERCENT OF TOTAL OPERATING EXPENSE
TWO RIVERS	\$ 77220	\$ 73243	5.43%	2.17¢	0.12¢	2.19%
VIOLA	7723	7170	7.71	4.55	0.21	4.42
WATERLOO	19263	18742	2.78	1.23	0.06	1.26
WAUNAKEE	28455	25904	9.85	2.46	0.10	2.44
WAUPUN	41664	42184	-1.23	1.68	0.08	1.75
WESTBY	12551	11966	4.89	2.07	0.09	2.23
WHITEHALL	16543	15807	4.66	2.57	0.12	2.68
WISCONSIN DELLS	29605	35381	-16.33	2.15	0.11	2.22
WISCONSIN RPDS	252212	236019	6.86	3.09	0.16	3.07
WONEWOC	2856	3600	-20.67	1.15	0.06	1.20
TOTALS AND AVERAGES	\$ 4391941	\$ 4266673	2.94%	2.50¢	0.12¢	2.57%

TABLE 22

TOTAL OPERATING EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	TOTAL OPERATING EXPENSE			1982		1981		% CHANGE		1982	
	\$		\$							EXPENSE PER DOLLAR OF REVENUE	EXPENSE PER KWH SOLD
ALGOMA	1535355		1152664					33.20%		97.95¢	5.41¢
ARCADIA	1039701		999126					4.06		97.97	4.00
ARGYLE	186839		176296					5.98		96.91	3.77
BANGOR	1116328		980394					13.87		98.16	4.40
BARRON	1076153		966192					11.38		93.32	4.33
BELMONT	208499		202367					3.03		97.66	4.43
BENTON	204711		175101					16.91		98.28	4.98
BLACK EARTH	459627		453051					1.45		89.65	4.73
BLACK RIVER FLS	1338996		1189639					12.55		96.94	3.92
BLOOMER	1206317		1072731					12.45		95.60	4.04
BOSCOBEL	1090295		957597					13.86		96.51	4.95
BRODHEAD	956359		819025					16.77		93.24	4.60
CADOTT	376452		327581					14.92		90.22	4.26
CASHTON	213675		201994					5.78		98.42	4.37
CEDARBURG	3793382		3345987					13.37		93.94	5.12
CENTURIA	197977		184766					7.15		97.48	4.84
CLINTONVILLE	1922139		1688022					13.87		99.24	5.02
COLUMBUS	1532298		1356455					12.96		96.60	4.81
COMBINED LOCKS	15301		14244					7.42		104.49	4.26
CORNELL	425023		373212					13.88		96.60	4.74
CUBA CITY	606089		532298					13.86		101.38	4.98
CUMBERLAND	1155988		1119791					3.23		83.59	5.88
DEERFIELD	500468		395796					26.45		108.25	6.19
EAGLE RIVER	1003524		745566					34.60		97.74	5.26
ELKHORN	2543218		1945206					30.74		97.22	5.25

TABLE 22 (CONTINUED)

TOTAL OPERATING EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	TOTAL OPERATING EXPENSE			1982		% CHANGE	1982	
	\$	1981	\$	EXPENSE PER DOLLAR OF REVENUE	EXPENSE PER KWH SOLD		EXPENSE PER DOLLAR OF REVENUE	EXPENSE PER KWH SOLD
ELROY	515191	456263	12.92%	94.48¢	3.86¢			
EVANSVILLE	1676574	1515689	10.61	97.41	4.84			
FENNIMORE	848962	807480	5.14	98.49	4.76			
FLORENCE	374366	339704	10.20	95.96	5.11			
FOOTVILLE	173511	148684	16.70	94.12	5.02			
GRESHAM	378080	365904	3.33	98.99	4.35			
HARTFORD	2607502	2333225	11.76	94.91	4.79			
HAZEL GREEN	306280	255436	19.90	95.15	5.28			
HUSTISFORD	613908	525030	16.93	96.91	5.42			
JEFFERSON	3635339	3278831	10.87	98.00	4.43			
JUNEAU	998125	905720	10.20	96.26	4.61			
KAUKAUNA	14935091	15227125	-1.92	99.27	3.47			
KIEL	1505391	1332425	12.98	98.84	5.17			
LAFARGE	269288	248002	8.58	110.90	5.99			
LAKE MILLS	2025859	1849499	9.54	101.52	5.03			
LODI	606724	509630	19.05	100.39	4.94			
MANITOWOC	14018830	11231519	24.82	103.76	5.29			
MARSHFIELD	10584992	8751352	20.95	97.57	5.04			
MAZOMANIE	365647	316274	15.61	101.03	5.23			
MEDFORD	2387712	2270369	5.17	95.75	4.46			
MENASHA	6109338	5576588	9.55	99.66	5.40			
MERRILLAN	119732	112233	6.68	84.97	4.33			
MOUNT HOREB	1365025	1152148	18.48	98.49	4.84			
MUSCODA	683948	603811	13.27	94.56	5.58			
NEW GLARUS	586662	494489	18.64	100.40	4.47			

TABLE 22 (CONTINUED)

TOTAL OPERATING EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	TOTAL OPERATING EXPENSE			1982		1981	% CHANGE	1982	
	\$		\$					EXPENSE PER DOLLAR OF REVENUE	EXPENSE PER KWH SOLD
NEW HOLSTEIN	2395826		1817843		31.79%			99.57¢	5.68¢
NEW LISBON	514587		480406		7.12			86.19	5.17
NEW LONDON	5326210		4401640		21.01			93.15	4.45
NEW RICHMOND	1482796		1308579		13.31			92.89	3.87
OCONOMOWOC	4772907		4343460		9.89			93.86	4.54
OCONTO FALLS	740613		660118		12.19			100.25	5.07
PARDEEVILLE	522649		445634		17.28			95.78	4.71
PLYMOUTH	4723203		4063686		16.23			96.92	4.67
PRAIRIE DU SAC	634073		531282		19.35			92.87	5.21
PRINCETON	484089		404036		19.81			105.11	5.44
REEDSBURG	2975358		2622244		13.47			96.79	4.36
RICE LAKE	3446737		3065434		12.44			93.26	4.13
RICHLAND CENTER	3216776		3120093		3.10			96.67	5.42
RIVER FALLS	2504403		2297892		8.99			91.63	4.25
SAUK CITY	1030256		883368		16.63			93.83	5.06
SHAWANO	5385446		4605324		16.94			95.72	4.29
SHEBOYGAN FALLS	3501261		3046551		14.93			93.57	4.15
SHULLSBURG	393533		342687		14.84			93.06	5.09
SLINGER	554279		472220		17.38			94.99	5.18
SPOONER	795115		665148		19.54			97.19	4.55
STOUGHTON	3331915		2831205		17.69			98.28	4.91
STRATFORD	436129		313071		39.31			99.14	5.86
STURGEON BAY	5746481		4098550		40.21			97.33	5.48
SUN PRAIRIE	3543252		3119181		13.60			95.03	4.52
TREMPEALEAU	266977		231713		15.22			94.34	4.41

TABLE 22 (CONTINUED)

TOTAL OPERATING EXPENSE
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982 - 1981

UTILITY	TOTAL OPERATING EXPENSE			1982		% CHANGE	1982	
	1982	1981		EXPENSE PER DOLLAR OF REVENUE	EXPENSE PER KWH SOLD			
TWO RIVERS	\$ 3528940	\$ 2659283	32.70%	99.08¢	5.48¢			
VIOLA	174791	165481	5.63	103.04	4.78			
WATERLOO	1525304	1233406	23.67	97.78	4.80			
WAUNAKEE	1164547	1224938	-4.93	100.79	4.24			
WAUPUN	2376842	2096867	13.35	96.08	4.57			
WESTBY	563975	499091	13.00	92.81	4.11			
WHITEHALL	617024	554247	11.33	95.80	4.30			
WISCONSIN DELLS	1333489	1129453	18.07	96.80	4.95			
WISCONSIN RPDS	8216895	6323101	29.95	100.80	5.30			
WONEWOC	237552	220101	7.93	95.72	4.92			
TOTALS AND AVERAGES	\$170861021	\$148259864	15.24%	97.40¢	4.67¢			

TABLE 23

MISCELLANEOUS STATISTICS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982

UTILITY	UTILITY PLANT IN SERVICE	UTILITY PLANT IN SERVICE PER DOLLAR OF REVENUE	RESERVE FOR DEPRECIATION	DEPRECIATION RESERVE AS A PERCENT OF PLANT IN SERVICE	SOURCE OF POWER				PURCHASED	RURAL CUSTOMERS AS A PERCENT OF TOTAL CUSTOMERS
					GENERATED BY					
					STEAM	HYDRO	OTHER			
ALGOMA	\$ 980743	\$ 0.63	\$ 465833	47.50%	0.0 %	0.0 %	0.0 %	100.00%	1.74%	
ARCADIA	2301505	2.17	1330264	57.80	0.0	0.0	1.41	98.59	0.0	
ARGYLE	342036	1.77	275237	80.47	0.0	0.0	4.29	95.71	1.45	
BANGOR	1546576	1.36	736906	47.65	0.0	0.0	0.0	100.00	56.95	
BARRON	2391883	2.07	1914565	80.04	0.0	1.35	0.56	98.09	2.58	
BELMONT	226987	1.06	139235	61.34	0.0	0.0	0.0	100.00	0.0	
BENTON	144479	0.69	113622	78.64	0.0	0.0	0.0	100.00	0.94	
BLACK EARTH	867612	1.69	293702	33.85	0.0	0.0	0.0	100.00	40.80	
BLACK RIVER FLS	2590786	1.88	1553025	59.94	0.0	13.92	0.58	85.50	4.46	
BLOOMER	829155	0.66	451016	54.39	0.0	0.0	0.0	100.00	1.56	
BOSCOBEL	1117158	0.99	588224	52.65	0.0	0.0	0.0	100.00	8.92	
BRODHEAD	1033406	1.01	360642	34.90	0.0	0.0	0.0	100.00	0.0	
CADOTT	399837	0.96	194828	48.73	0.0	0.0	0.0	100.00	0.0	
CASHTON	516860	2.38	342005	66.17	0.0	0.0	0.84	99.16	2.05	
CEDARBURG	4157644	1.03	1469883	35.35	0.0	0.0	0.0	100.00	6.51	
CENTURIA	176353	0.87	99628	56.49	0.0	0.0	0.0	100.00	0.0	
CLINTONVILLE	1469577	0.76	899373	61.20	0.0	0.0	0.0	100.00	3.31	
COLUMBUS	1724113	1.09	714645	41.45	0.0	0.0	0.0	100.00	0.0	
COMBINED LOCKS	11585	0.79	9630	83.12	0.0	0.0	0.0	100.00	0.0	
CORNELL	688962	1.57	389811	56.58	0.0	0.0	0.0	100.00	0.13	
CUBA CITY	720162	1.20	322902	44.84	0.0	0.0	0.0	100.00	0.0	
CUMBERLAND	4300684	3.11	1609034	37.41	0.0	0.0	1.08	98.92	1.63	
DEERFIELD	666903	1.44	238062	35.70	0.0	0.0	0.0	100.00	0.0	
EAGLE RIVER	759767	0.74	375712	49.45	0.0	0.0	0.0	100.00	0.0	
ELKHORN	2554557	0.98	861267	33.71	0.0	0.0	0.0	100.00	2.70	

TABLE 23 (CONTINUED)

MISCELLANEOUS STATISTICS
MUNICIPAL ELECTRIC UTILITIES IN WISCONSIN
1982

UTILITY	UTILITY PLANT IN SERVICE	UTILITY PLANT IN SERVICE PER DOLLAR OF REVENUE	RESERVE FOR DEPRECIATION	DEPRECIATION RESERVE AS A PERCENT OF PLANT IN SERVICE	SOURCE OF POWER GENERATED BY			RURAL CUSTOMERS AS A PERCENT OF TOTAL CUSTOMERS
					STEAM	HYDRO	OTHER	
	\$	\$	\$		0.0 %	0.0 %		
ELROY	1023109	1.88	687830	67.23%	0.0	0.0	0.11%	4.87%
EVANSVILLE	1560129	0.91	736283	47.19	0.0	0.0	0.0	36.02
FENNIMORE	1014930	1.18	655584	64.59	0.0	0.0	0.59	1.22
FLORENCE	627214	1.61	208667	33.27	0.0	0.0	0.0	57.50
FOOTVILLE	212708	1.15	131484	61.81	0.0	0.0	0.0	0.0
GRESHAM	1359652	3.56	589545	43.36	0.0	36.89	0.0	67.86
HARTFORD	2178003	0.79	636860	29.24	0.0	0.0	0.0	0.0
HAZEL GREEN	329809	1.02	81685	24.77	0.0	0.0	0.0	1.16
HUSTISFORD	1073800	1.70	409898	38.17	0.0	0.0	0.0	34.62
JEFFERSON	2090863	0.56	1016065	48.60	0.0	0.0	0.0	10.56
JUNEAU	1213006	1.17	520290	42.89	0.0	0.0	0.0	0.0
KAUKAUNA	17679304	1.18	8517319	48.18	0.0	23.33	0.24	6.00
KIEL	1321925	0.87	735060	55.61	0.0	0.0	0.0	18.61
LAFARGE	312117	1.29	241930	77.51	0.0	0.0	0.0	11.38
LAKE MILLS	1831793	0.92	949062	51.81	0.0	0.0	0.0	14.29
LODI	636342	1.05	264186	41.52	0.0	0.0	0.0	8.13
MANITOWOC	18780731	1.39	10836623	57.70	22.54	0.0	0.0	0.45
MARSHFIELD	15436571	1.42	7075328	45.83	28.68	0.0	0.0	15.39
MAZOMANIE	493168	1.36	185948	37.70	0.0	0.0	0.0	6.59
MEDFORD	2644351	1.06	941072	35.59	0.0	0.0	0.0	16.01
MENASHA	12248011	2.00	5797405	47.33	35.86	0.0	0.0	0.0
MERRILLAN	354842	2.52	175946	49.58	0.0	11.19	0.34	1.68
MOUNT HOREB	2071538	1.49	890182	42.97	0.0	0.0	0.0	10.11
MUSCODA	994221	1.37	417578	42.00	0.0	0.0	0.0	9.52
NEW GLARUS	440949	0.75	232829	52.80	0.0	0.0	0.0	2.86

TABLE 23 (CONTINUED)
MISCELLANEOUS STATISTICS
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1982

UTILITY	UTILITY PLANT IN SERVICE	UTILITY PLANT IN SERVICE PER DOLLAR OF REVENUE	RESERVE FOR DEPRECIATION	DEPRECIATION RESERVE AS A PERCENT OF PLANT IN SERVICE	SOURCE OF POWER				RURAL CUSTOMERS AS A PERCENT OF TOTAL CUSTOMERS
					STEAM	HYDRO	OTHER	PURCHASED	
NEW HOLSTEIN	\$ 1976560	\$ 0.82	\$ 917793	46.43%	0.0 %	0.0 %	0.0 %	100.00%	33.14%
NEW LISBON	1583395	2.65	681902	43.07	0.0	0.0	5.35	94.65	0.0
NEW LONDON	3577869	0.63	872298	24.38	0.0	0.0	0.0	100.00	4.82
NEW RICHMOND	1422302	0.89	581990	40.92	0.0	0.0	0.0	100.00	1.46
OCONOMOWOC	6281951	1.24	1742718	27.74	0.0	0.0	0.0	100.00	0.0
OCONTO FALLS	753345	1.02	436362	57.92	0.0	0.0	0.0	100.00	0.34
PARDEEVILLE	507042	0.93	231682	45.69	0.0	0.87	0.0	99.13	14.18
PLYMOUTH	6313170	1.30	2489108	39.43	0.0	0.0	0.0	100.00	40.15
PRAIRIE DU SAC	823842	1.21	385474	46.79	0.0	0.0	0.0	100.00	0.0
PRINCETON	482908	1.05	190656	39.48	0.0	0.0	0.0	100.00	0.0
REEDSBURG	2127335	0.69	830903	39.06	0.0	0.0	0.0	100.00	1.80
RICE LAKE	4782359	1.29	2017898	42.19	0.0	0.0	0.0	100.00	6.75
RICHLAND CENTER	5512272	1.66	3084534	55.96	40.01	0.0	0.0	59.99	4.03
RIVER FALLS	5486271	2.01	2677499	48.80	0.0	2.48	0.98	96.54	11.68
SAUK CITY	885549	0.81	423778	47.85	0.0	0.0	0.0	100.00	1.75
SHAWANO	4611315	0.82	1629333	35.33	0.0	0.0	0.0	100.00	10.10
SHEBOYGAN FALLS	2658988	0.71	1189562	44.74	0.0	0.0	0.0	100.00	6.05
SHULLSBURG	524493	1.24	282201	53.80	0.0	0.0	0.0	100.00	0.0
SLINGER	610711	1.05	248513	40.69	0.0	0.0	0.0	100.00	4.72
SPOONER	542258	0.66	362293	66.81	0.0	0.0	0.0	100.00	1.36
STOUGHTON	4311626	1.27	1523188	35.33	0.0	0.0	0.0	100.00	35.84
STRATFORD	337725	0.77	194391	57.56	0.0	0.0	0.0	100.00	21.68
STURGEON BAY	8054637	1.36	1747214	21.69	0.0	0.0	0.0	100.00	29.00
SUN PRAIRIE	4341340	1.16	1322099	30.45	0.0	0.0	0.0	100.00	0.45
TREMPEALEAU	328824	1.16	114403	34.79	0.0	0.0	0.0	100.00	5.91

TABLE 23 (CONTINUED)

MISCELLANEOUS STATISTICS
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1982

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					STEAM	HYDRO	OTHER PURCHASED	
TWO RIVERS	\$ 3814927	\$ 1.07	\$ 1743396	45.70%	0.0 %	0.0 %	100.00%	0.61%
VIOLA	348780	2.06	233171	66.85	0.0	0.0	99.37	0.26
WATERLOO	871010	0.56	446111	51.22	0.0	0.0	100.00	6.88
WAUNAKEE	1548091	1.34	540048	34.88	0.0	0.0	100.00	3.86
WAUPUN	2215904	0.90	970077	43.78	0.0	0.0	100.00	4.91
WESTBY	566874	0.93	275655	48.63	0.0	0.0	100.00	0.0
WHITEHALL	602409	0.94	383679	63.69	0.0	0.0	100.00	4.69
WISCONSIN DELLS	1742481	1.26	822723	47.22	0.0	0.0	100.00	0.0
WISCONSIN RPDS	9422680	1.16	2956228	31.37	0.0	0.0	100.00	2.19
WONEWOC	200938	0.81	114935	57.20	0.0	0.0	100.00	4.97
TOTALS AND AVERAGES	\$210620597	\$ 1.20	\$ 93347525	44.32%	5.07%	3.02%	91.81%	9.05%



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